

FIG. 1

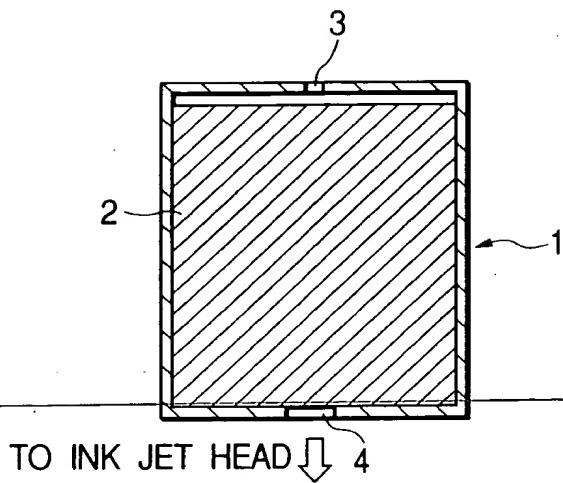


FIG. 2B

FIG. 2A

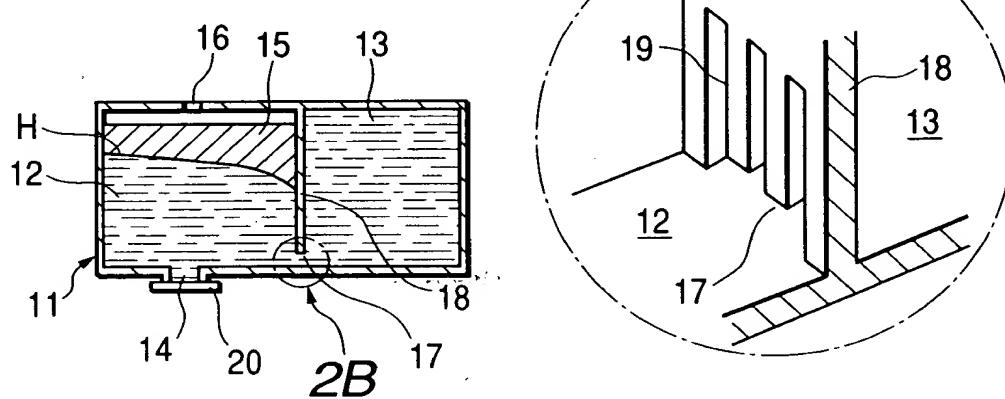


FIG. 3

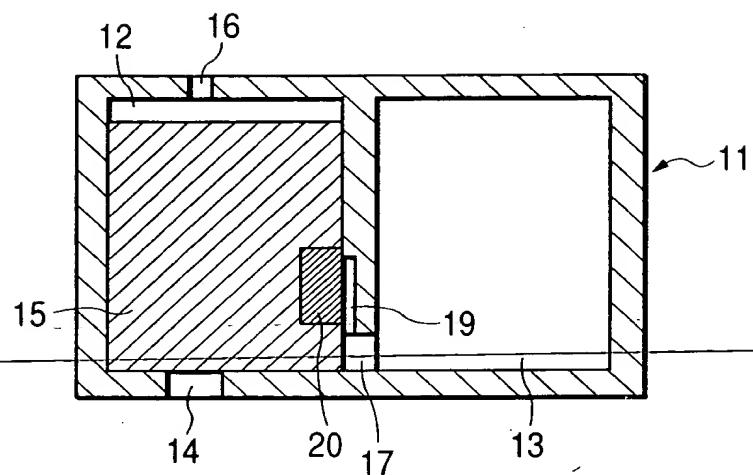


FIG. 4

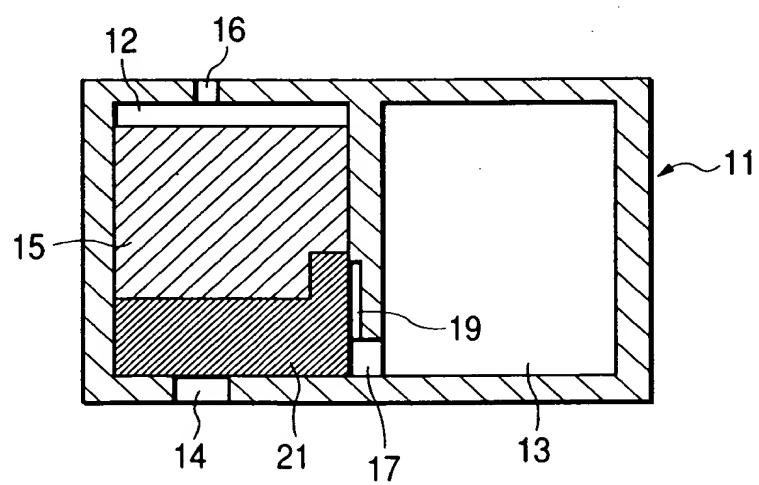


FIG. 5

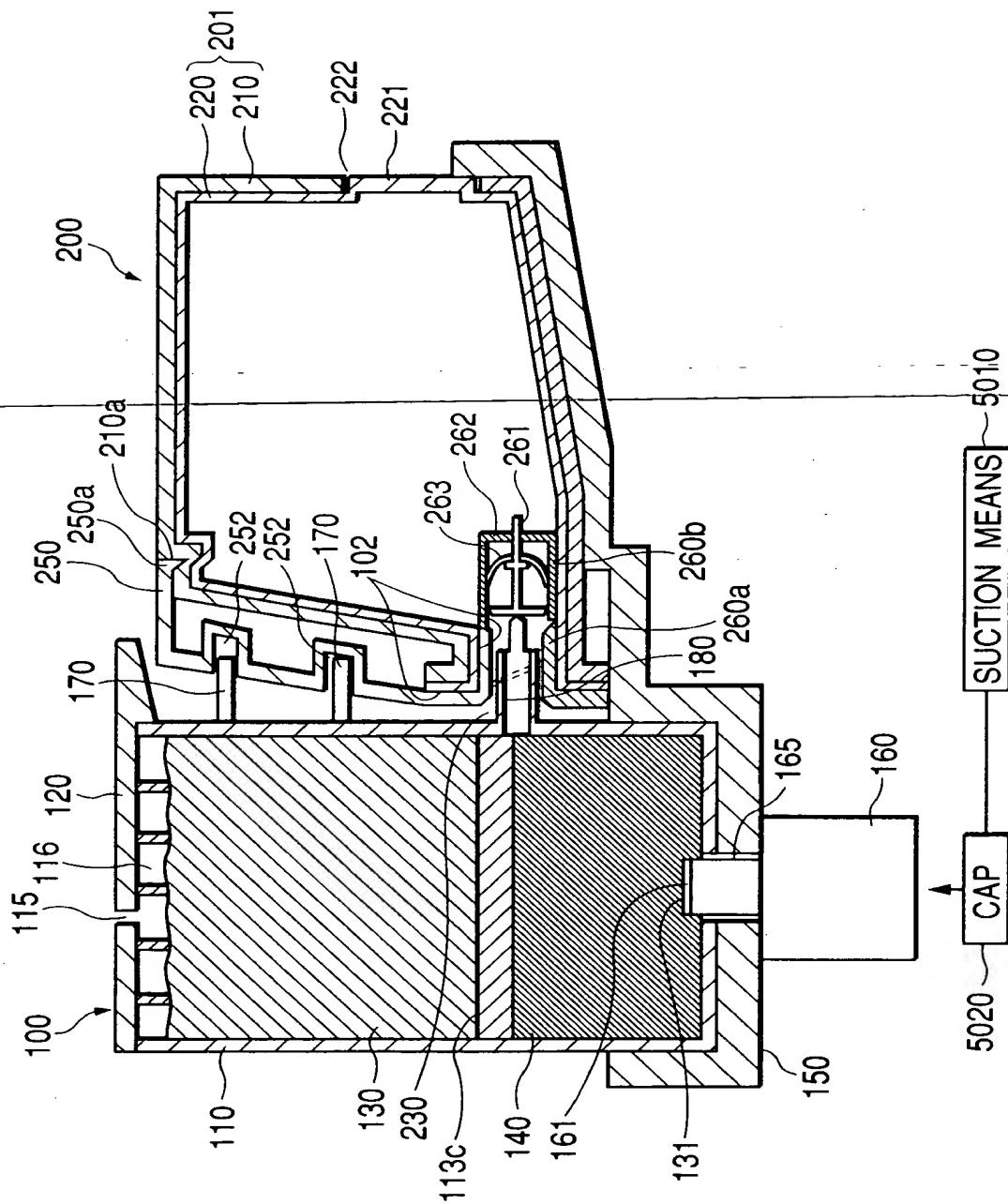


FIG. 6

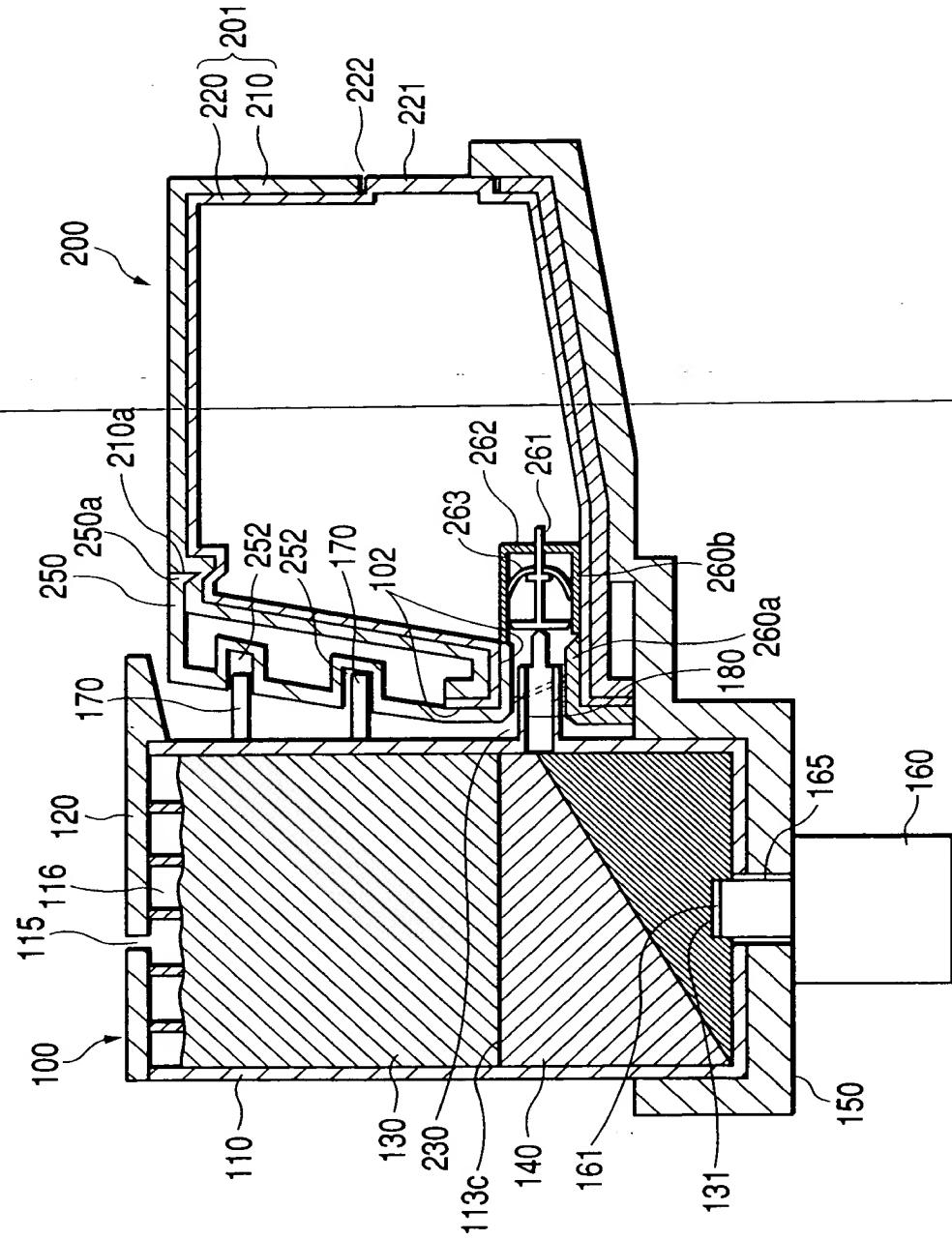


FIG. 7

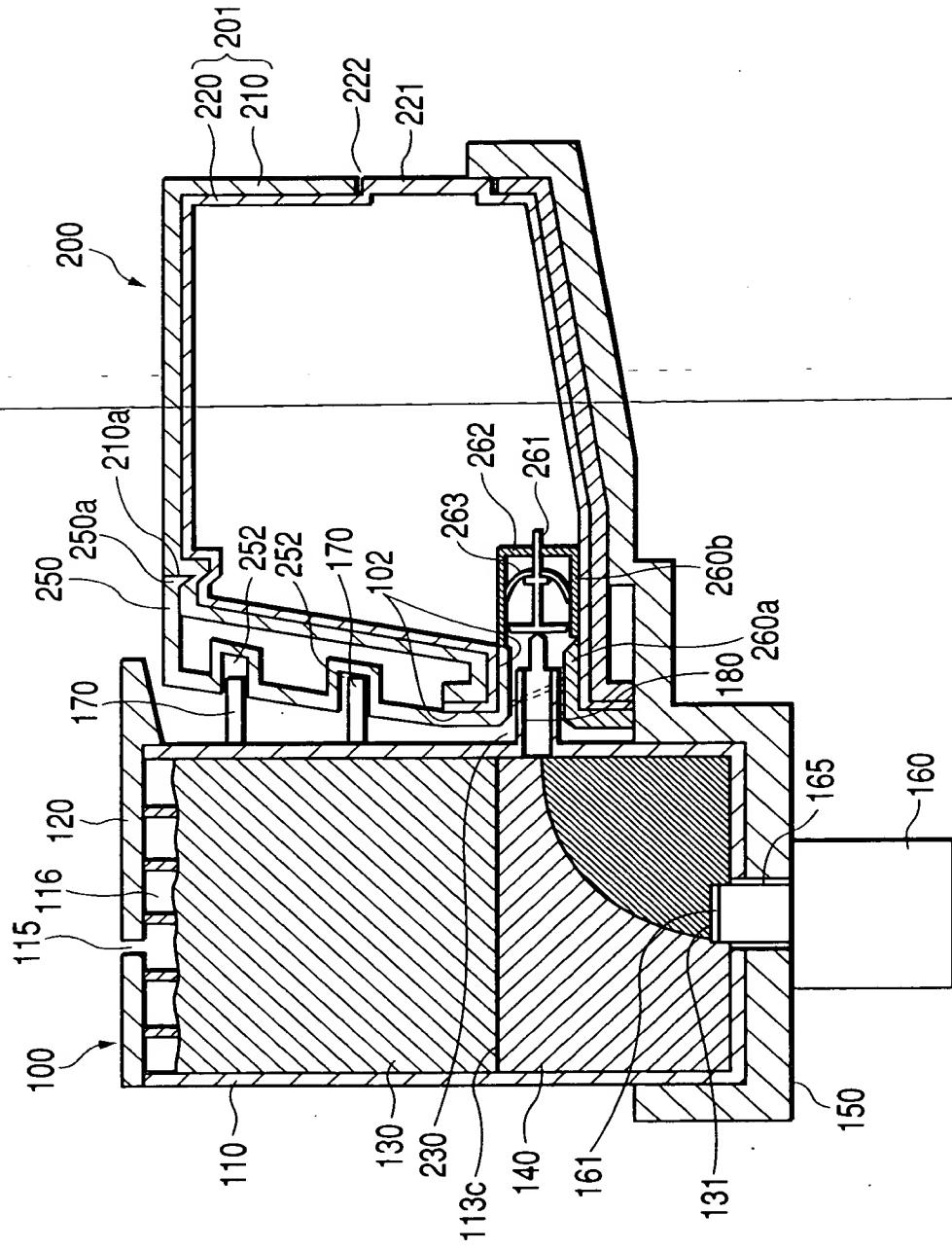


FIG. 8

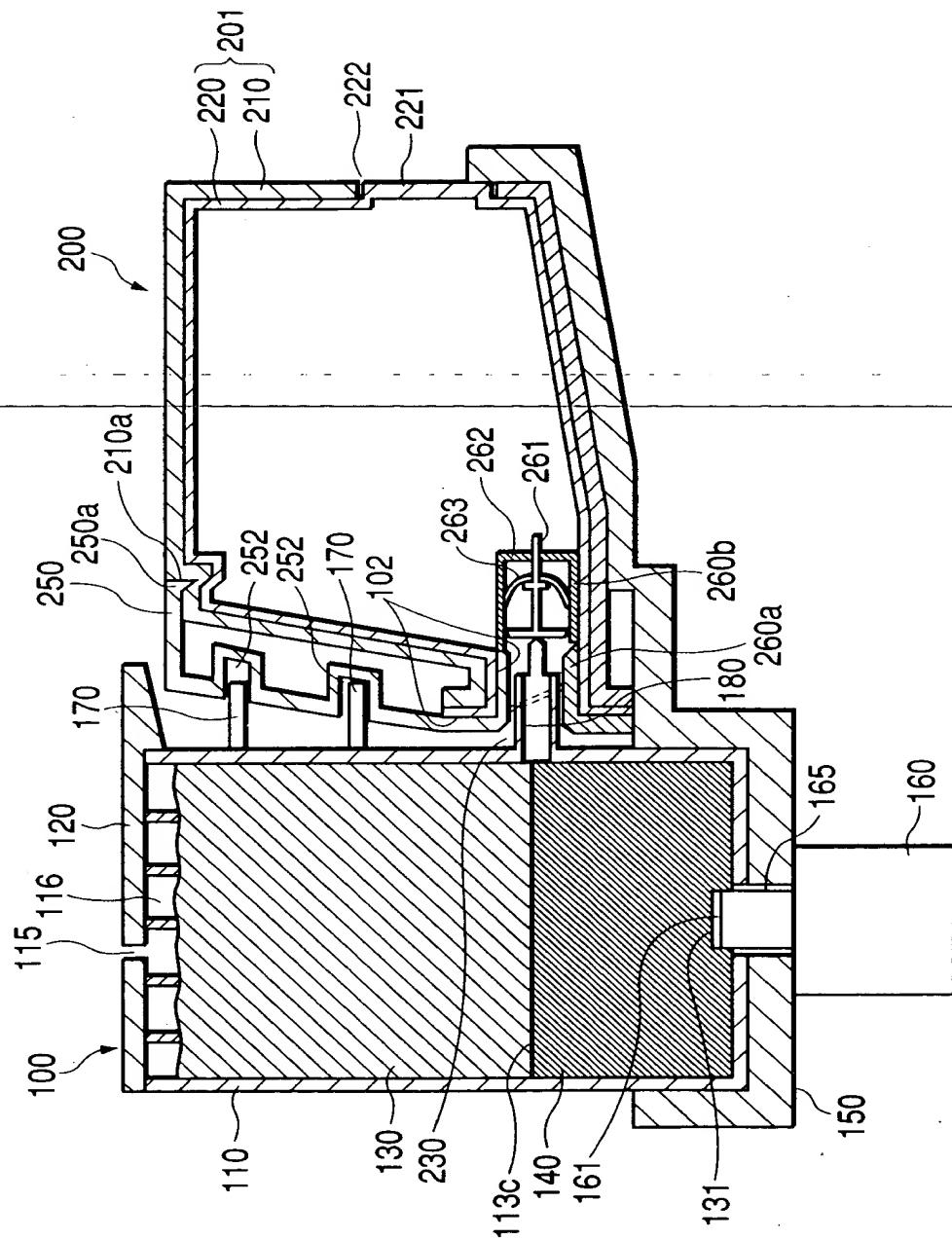


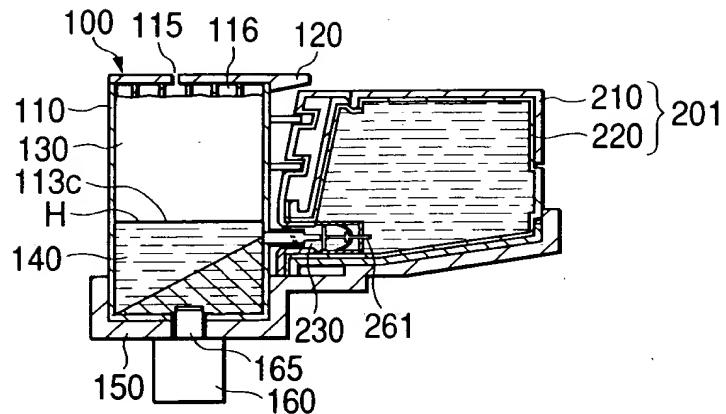
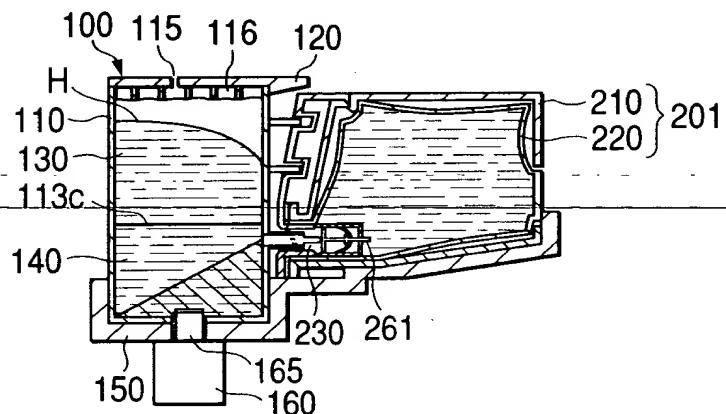
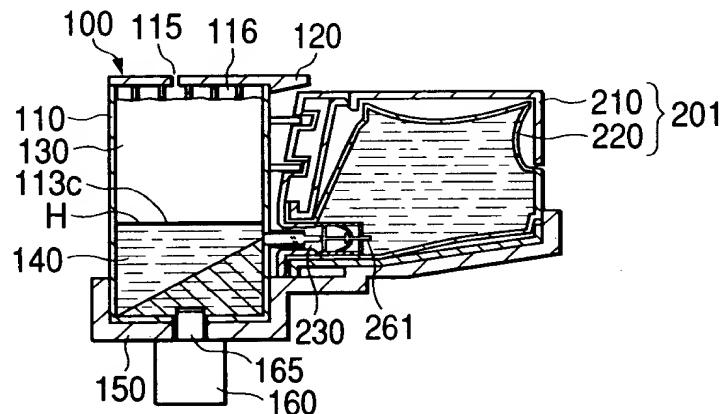
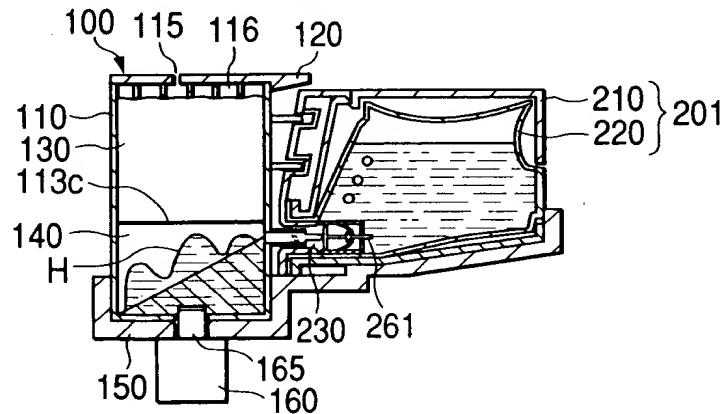
FIG. 9A**FIG. 9B****FIG. 9C****FIG. 9D**

FIG. 10

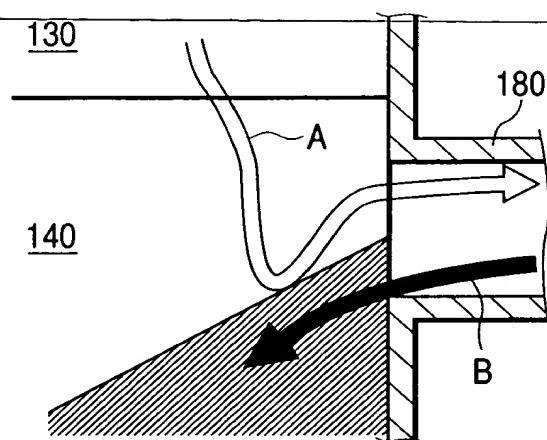


FIG. 11

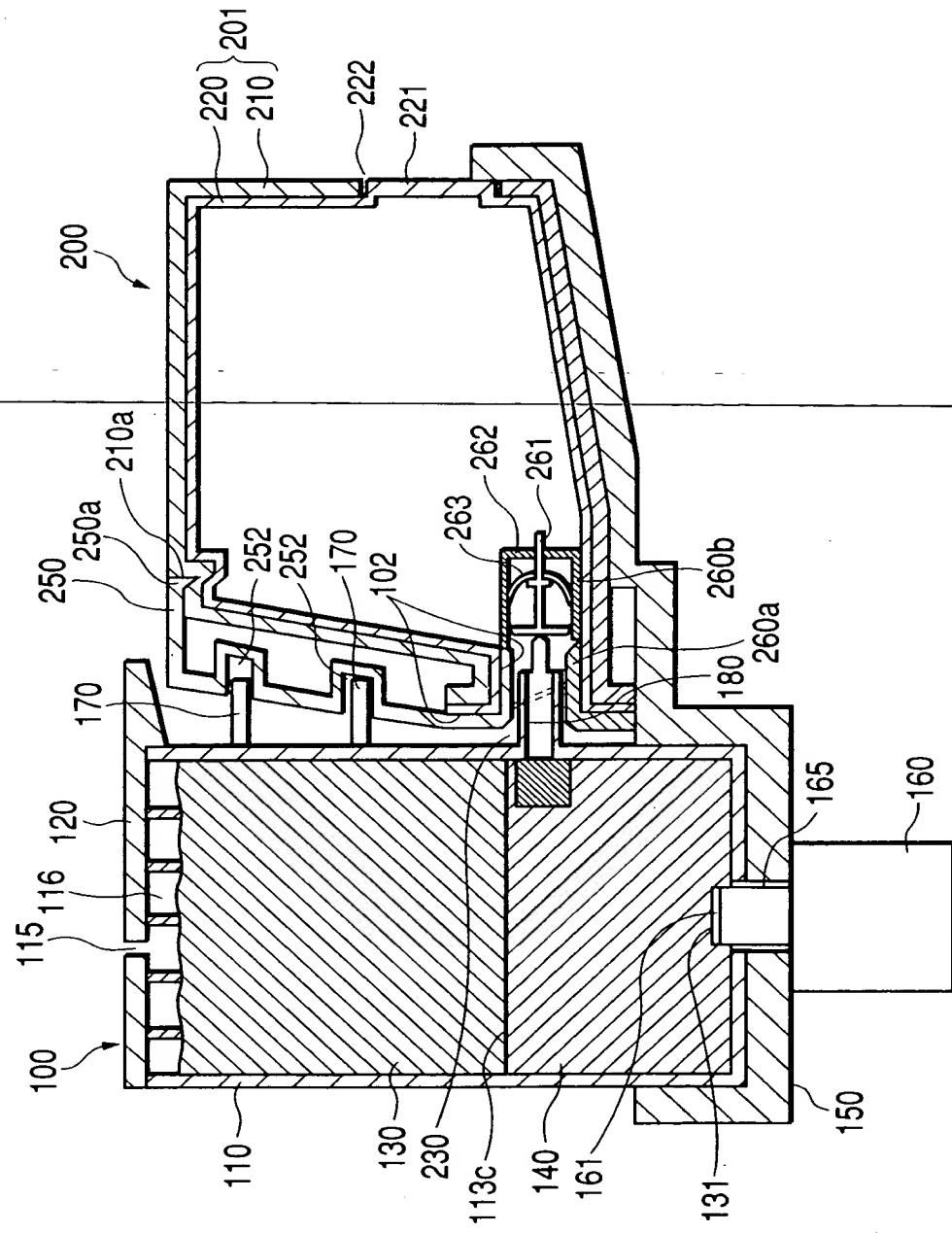


FIG. 12

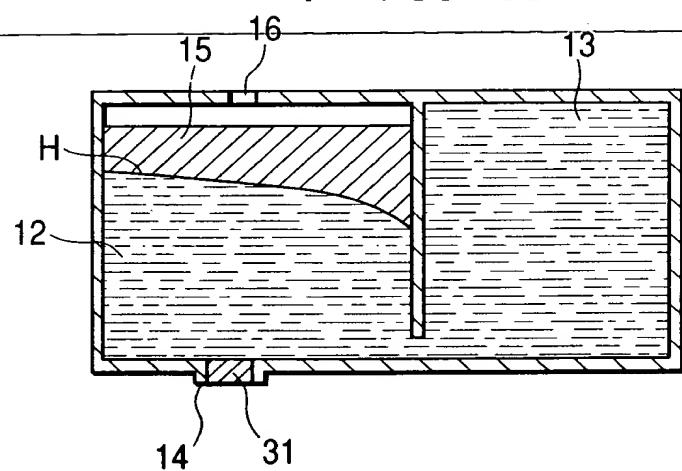


FIG. 13

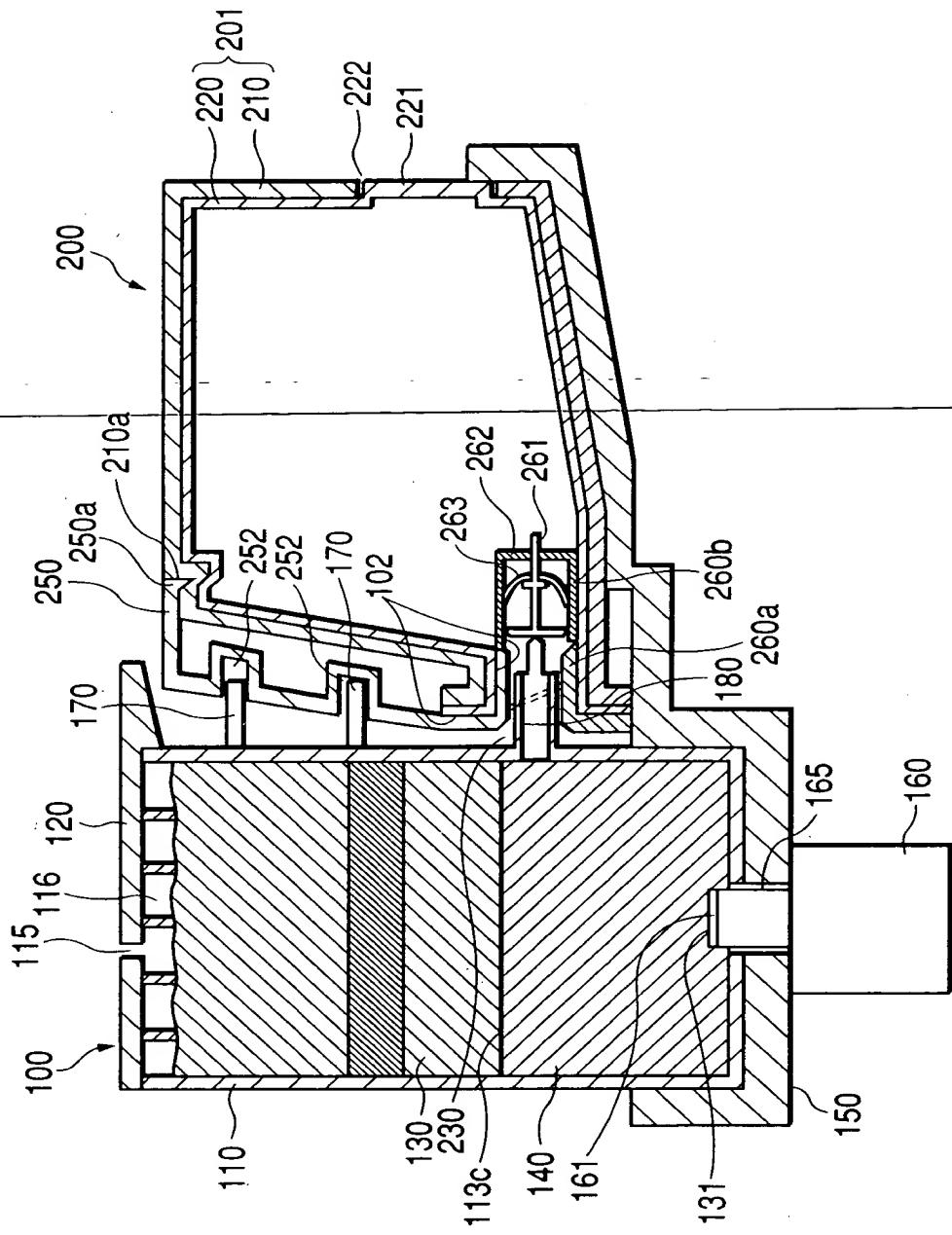


FIG. 14A

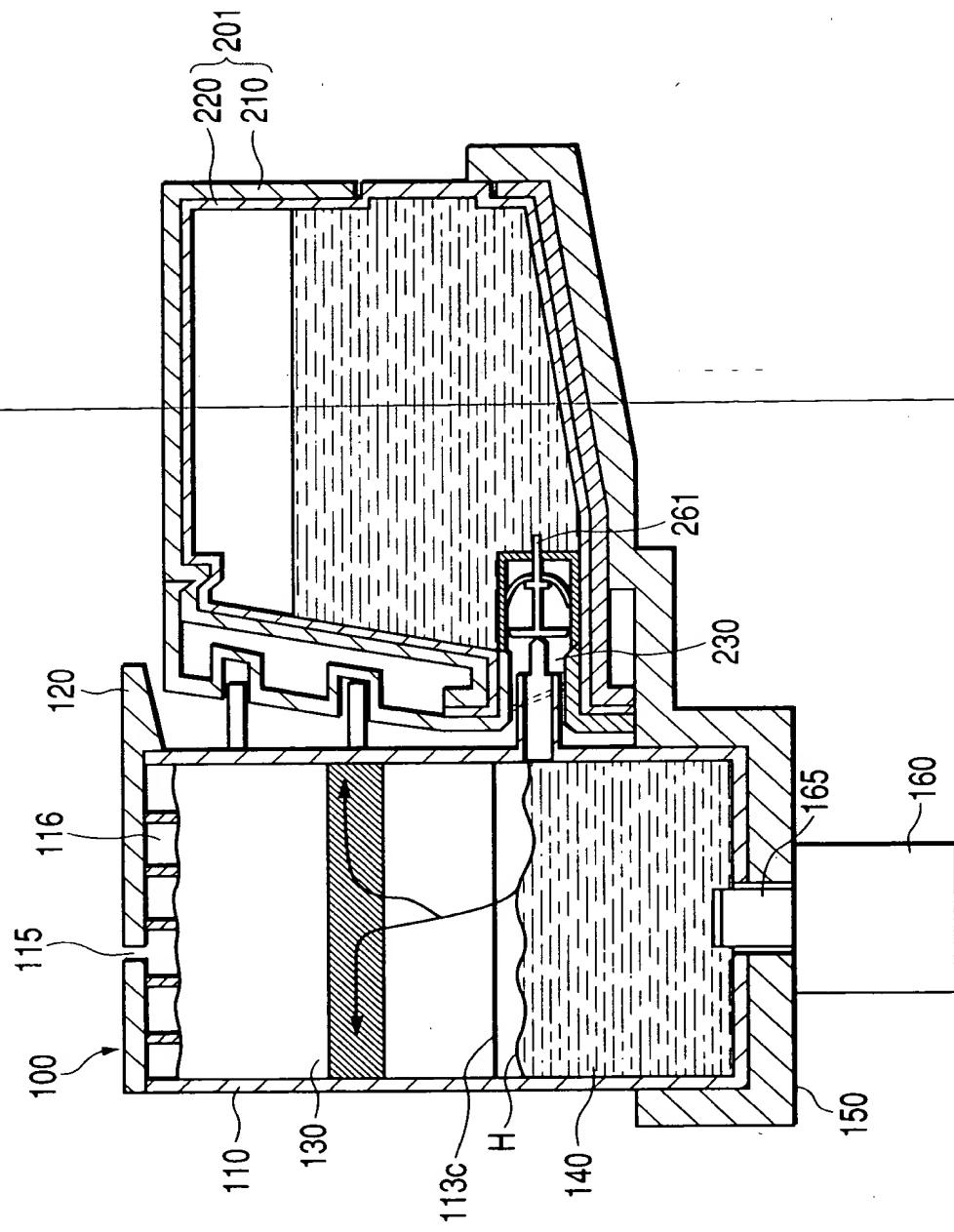


FIG. 14B

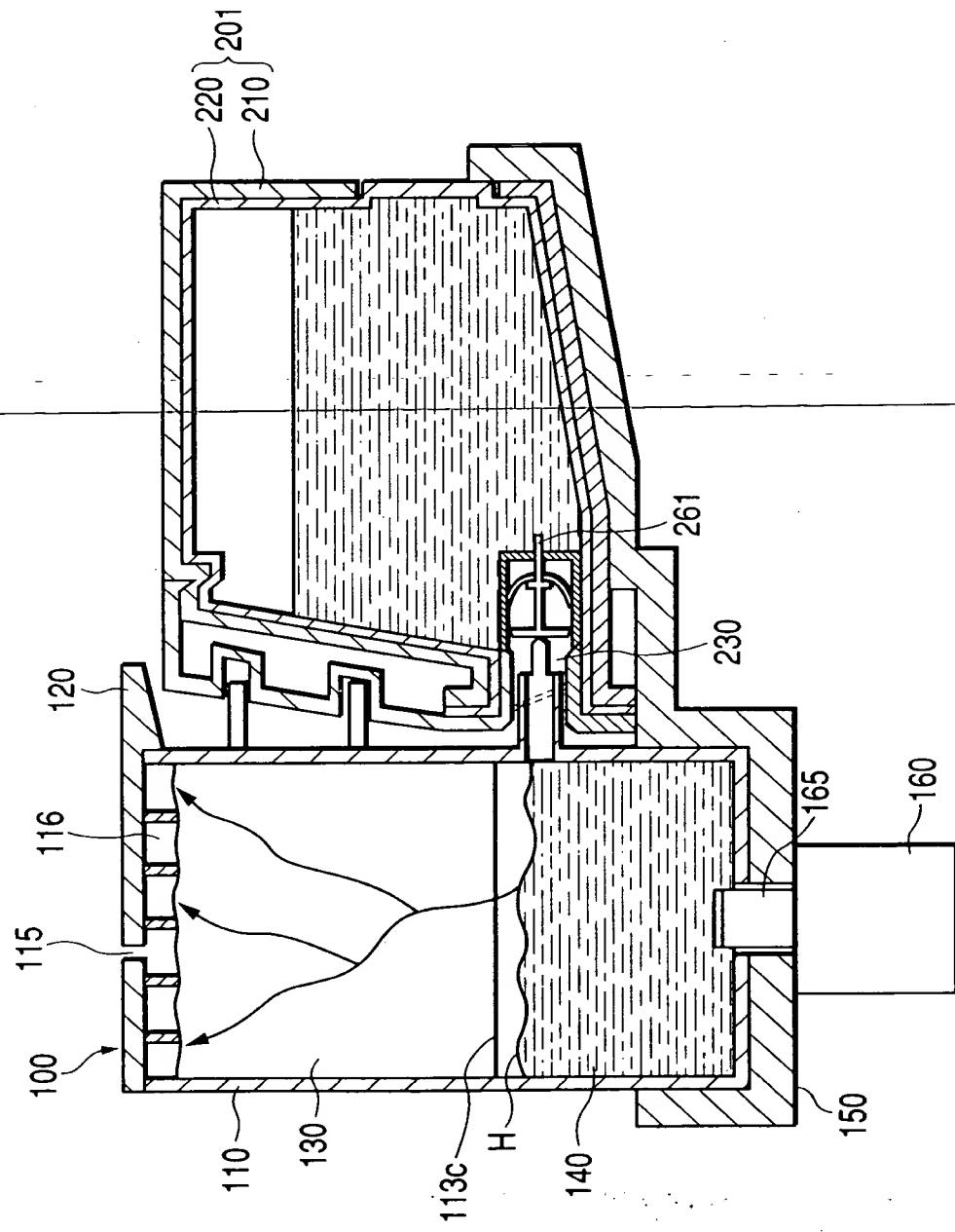


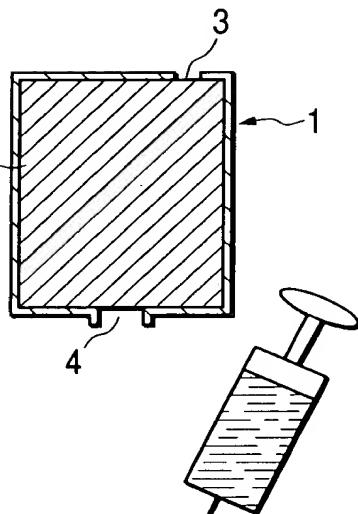
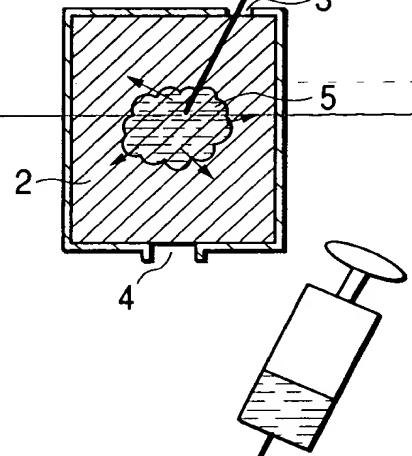
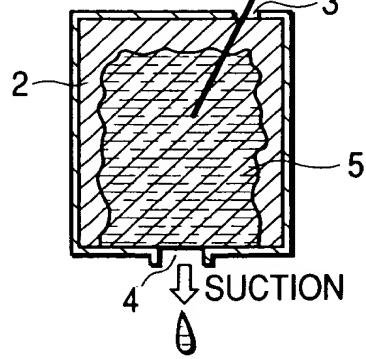
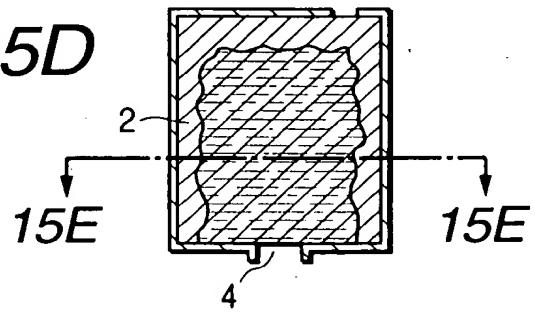
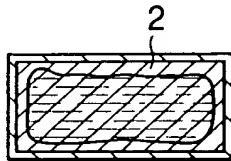
FIG. 15A**FIG. 15B****FIG. 15C****FIG. 15D****FIG. 15E**

FIG. 16

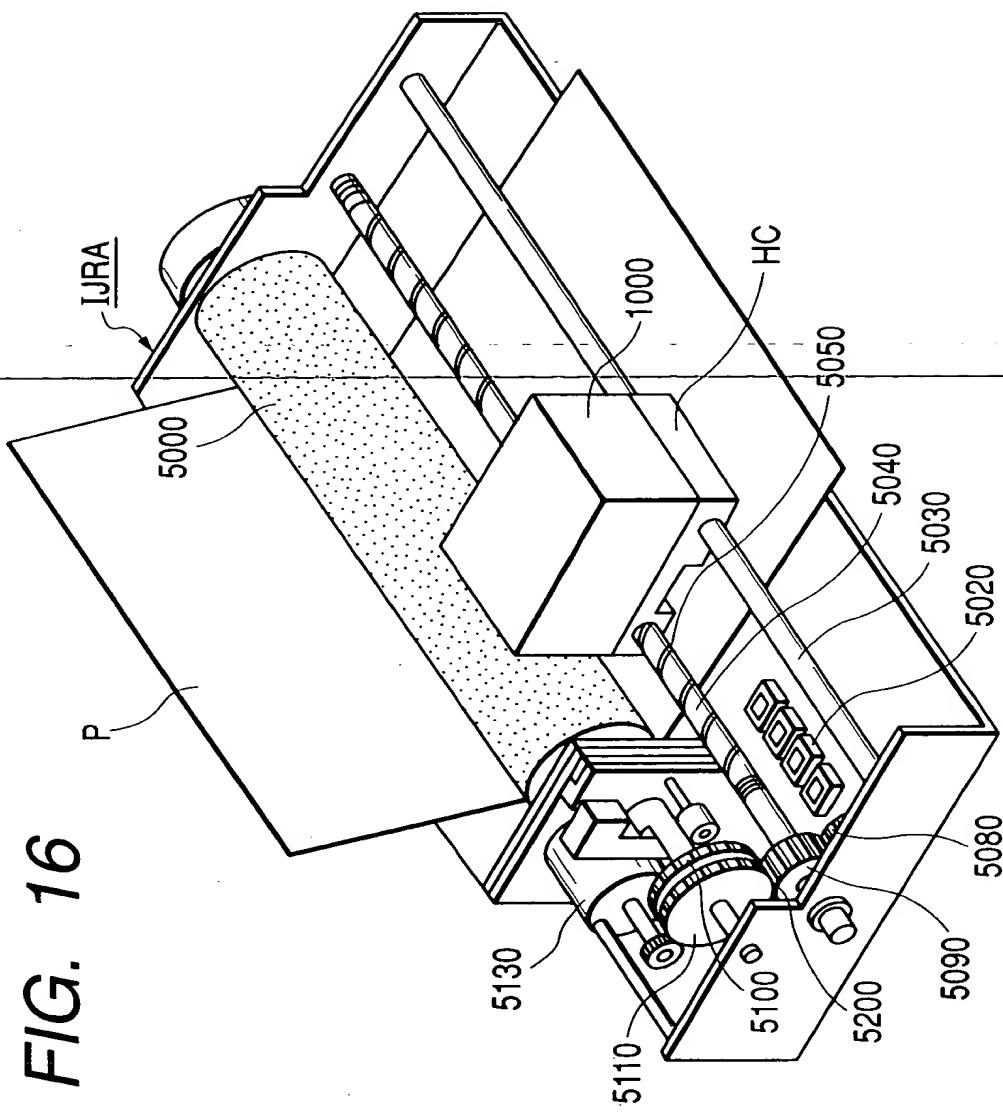


FIG. 17A

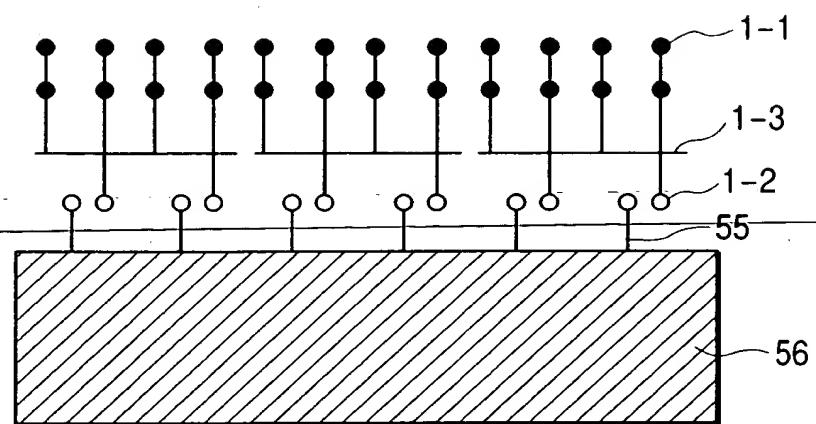


FIG. 17B

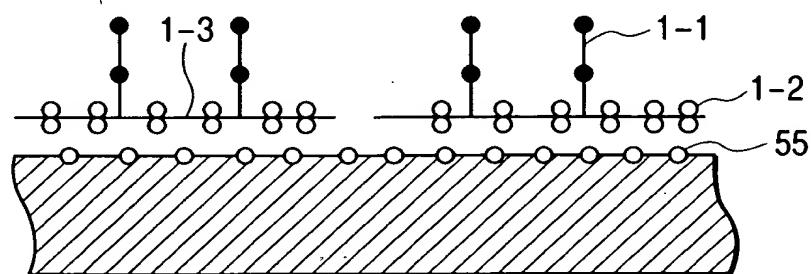


FIG. 18

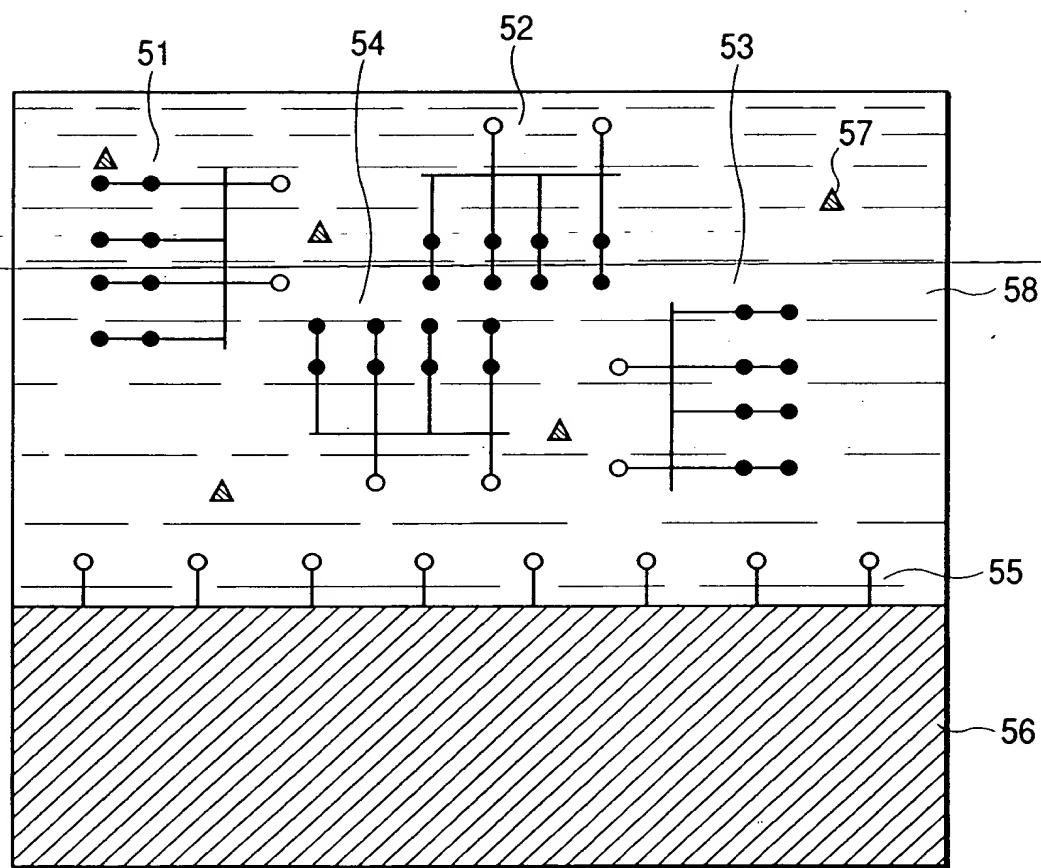


FIG. 19

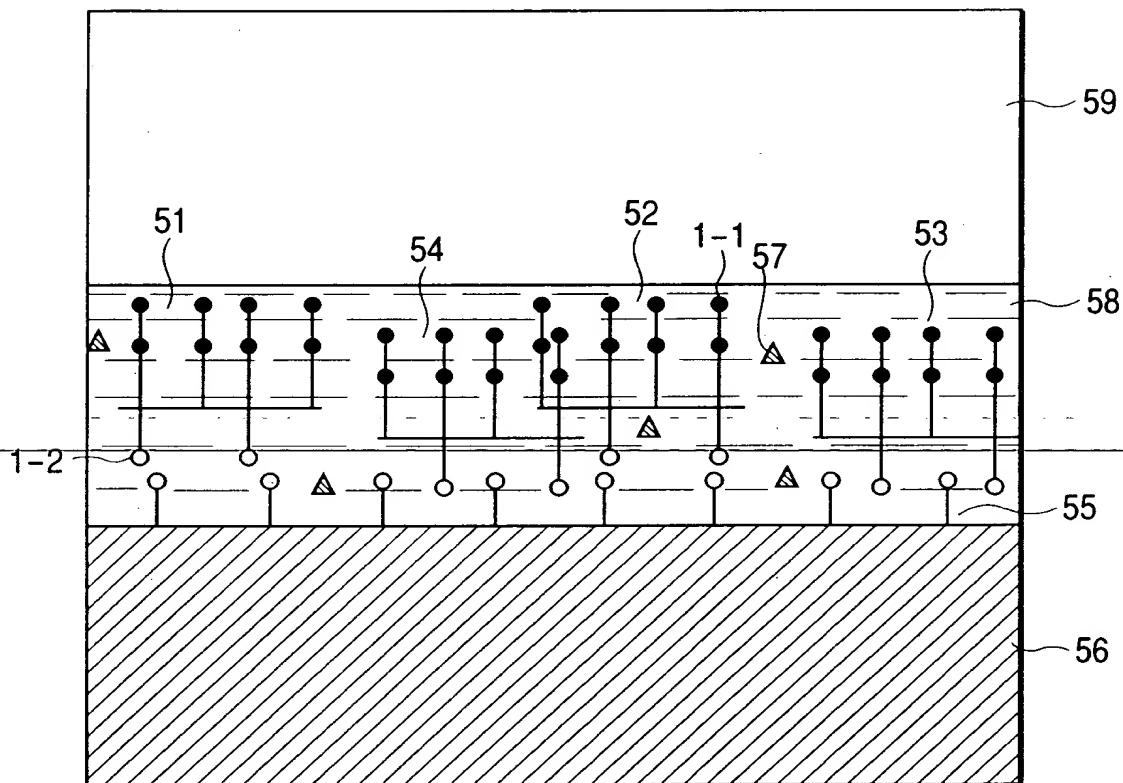


FIG. 20

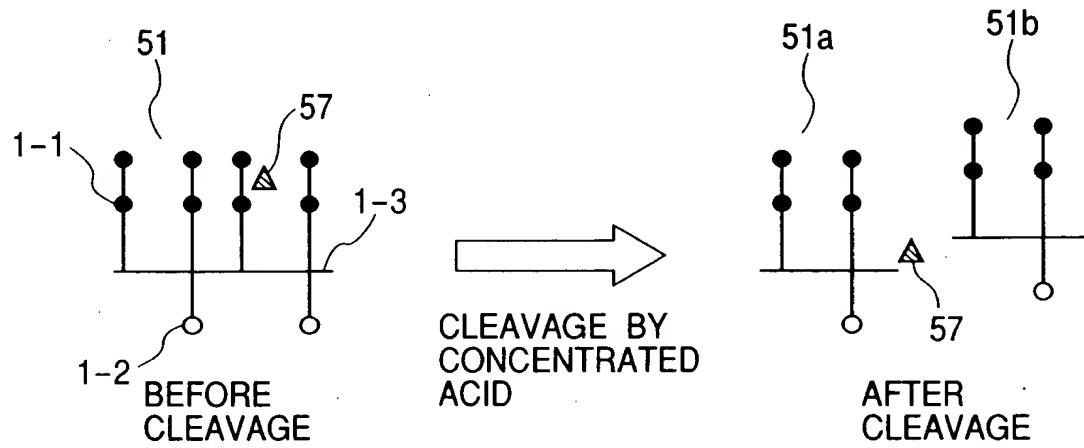


FIG. 21

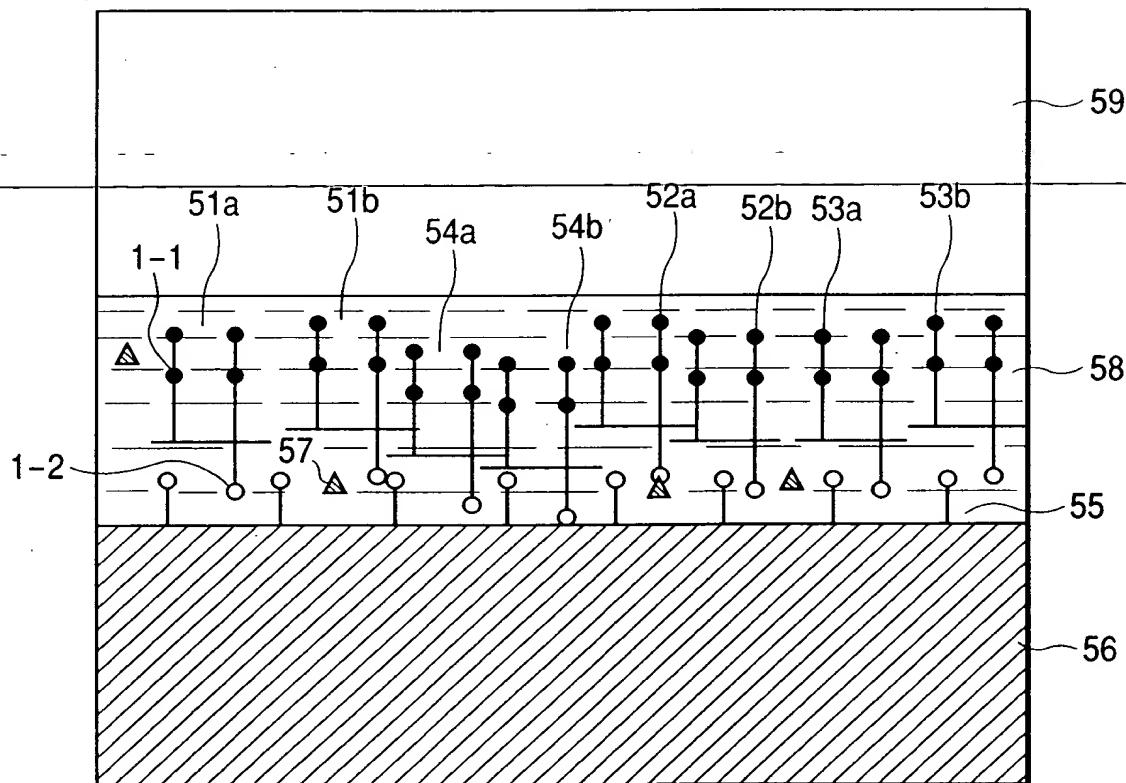


FIG. 22

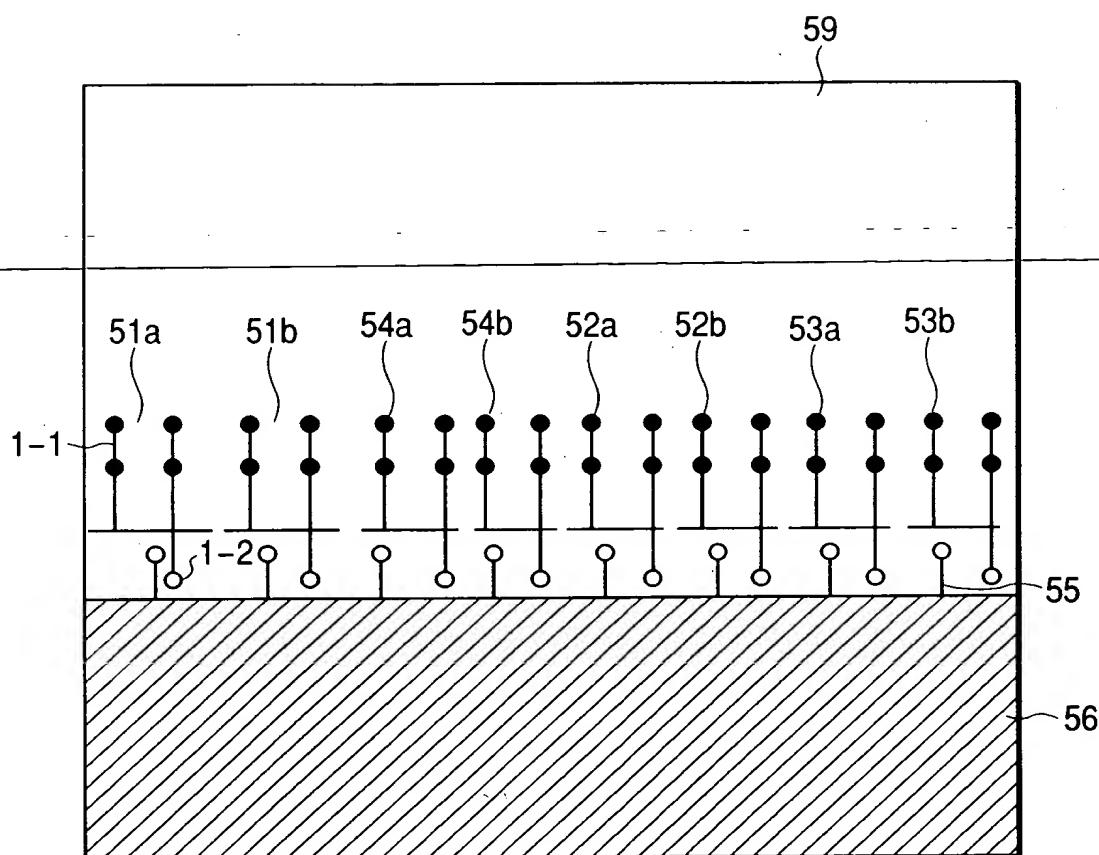


FIG. 23

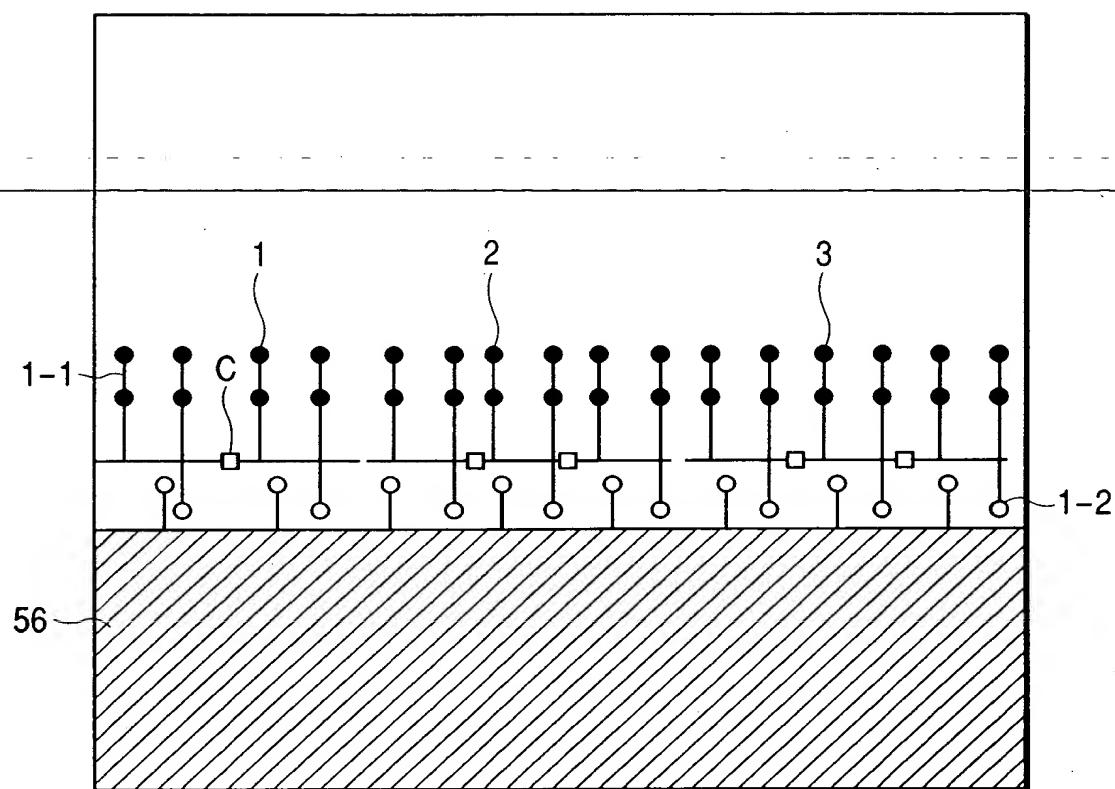


FIG. 24

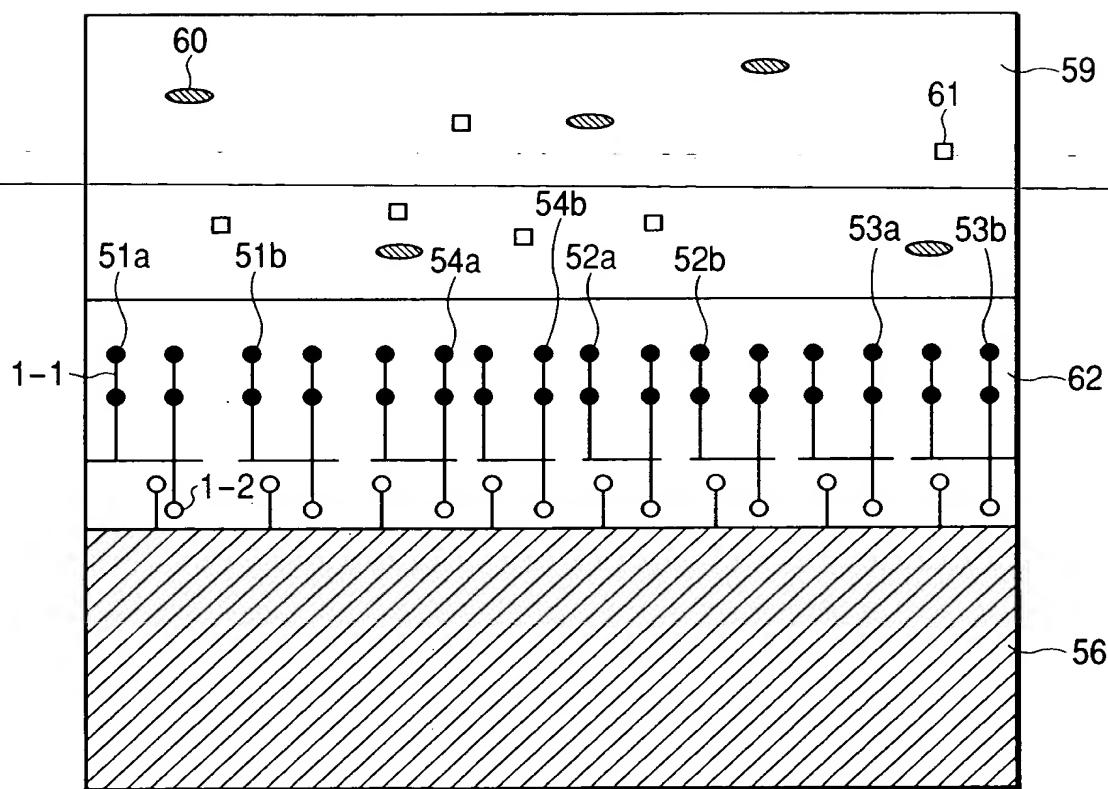


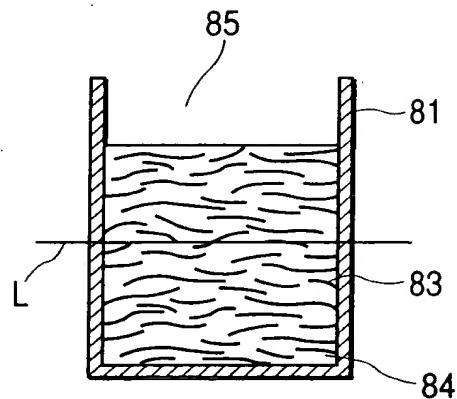
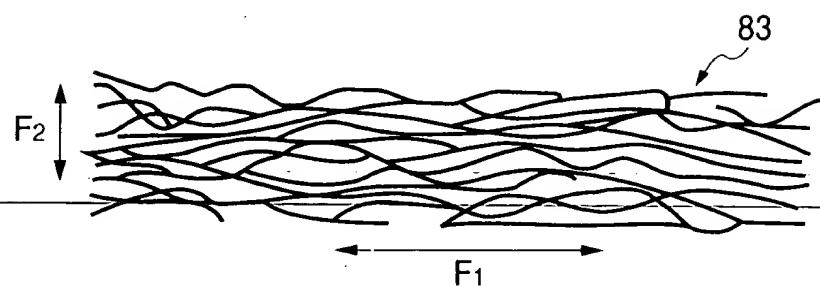
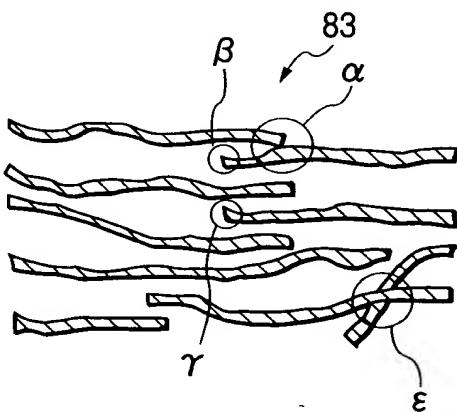
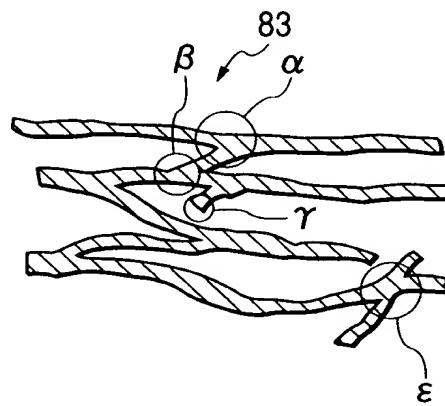
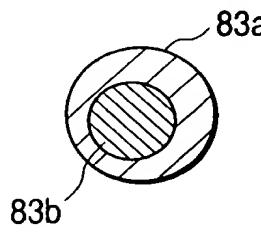
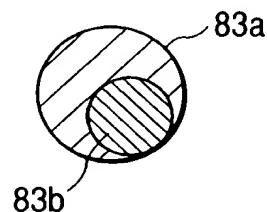
FIG. 25A**FIG. 25B****FIG. 25C****FIG. 25D****FIG. 26A****FIG. 26B**

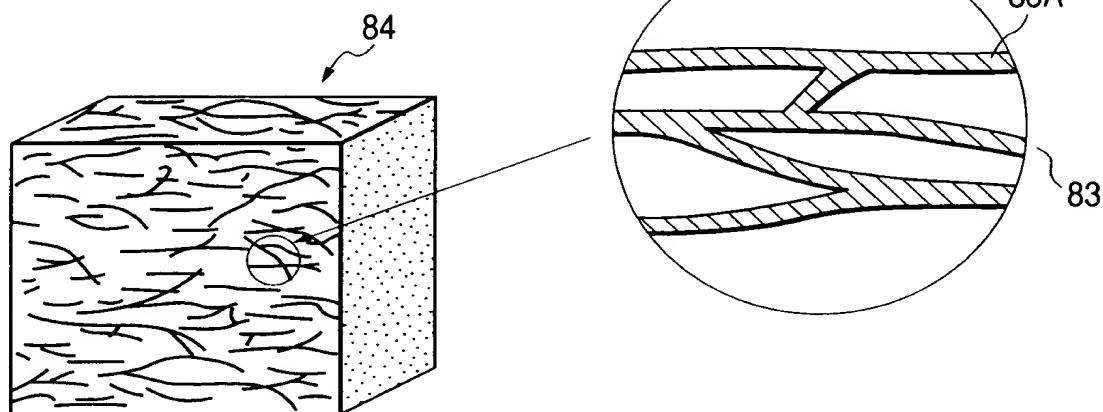
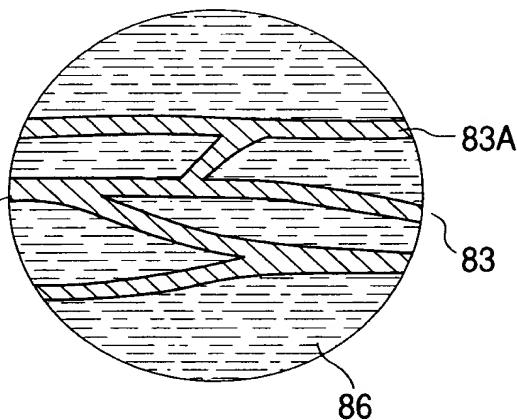
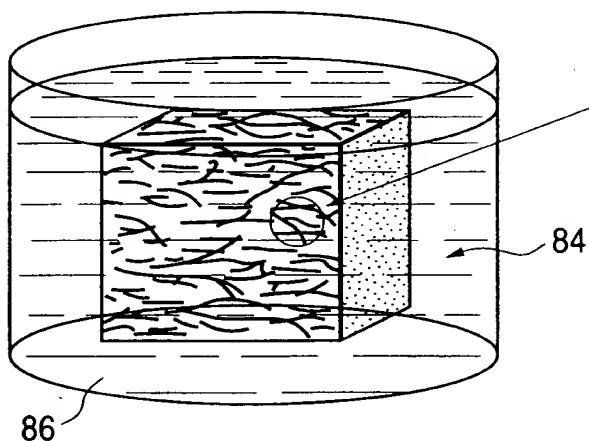
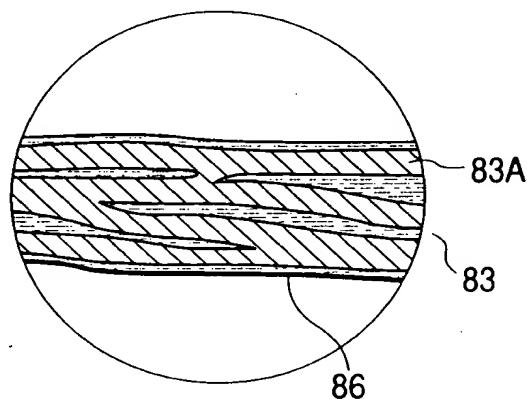
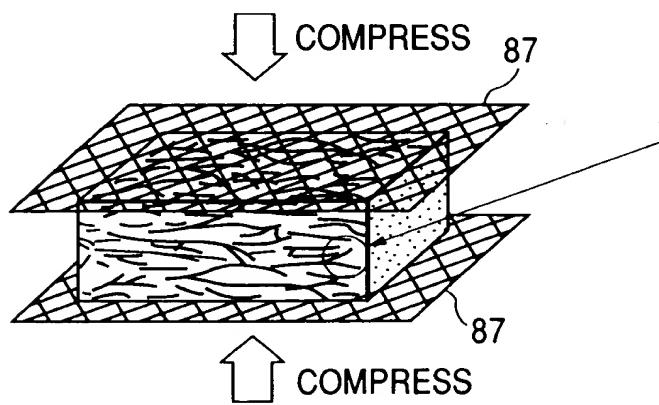
FIG. 27D**FIG. 27A****FIG. 27E****FIG. 27B****FIG. 27F****FIG. 27C**

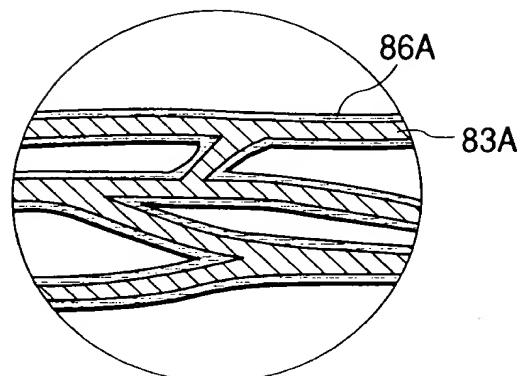
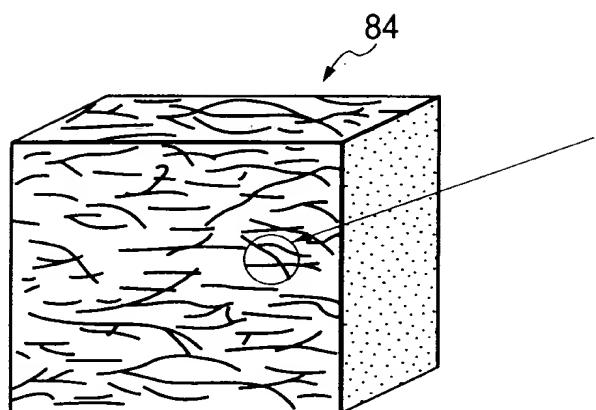
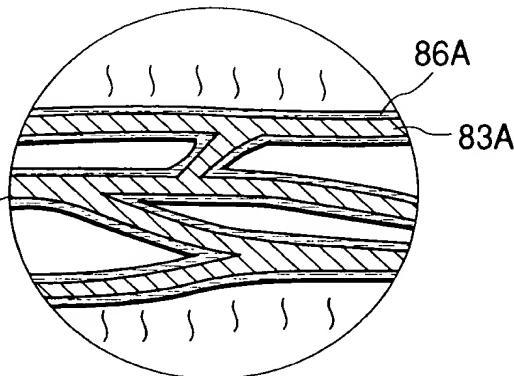
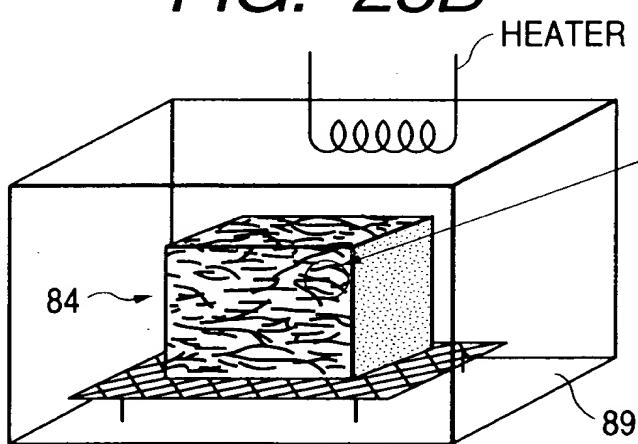
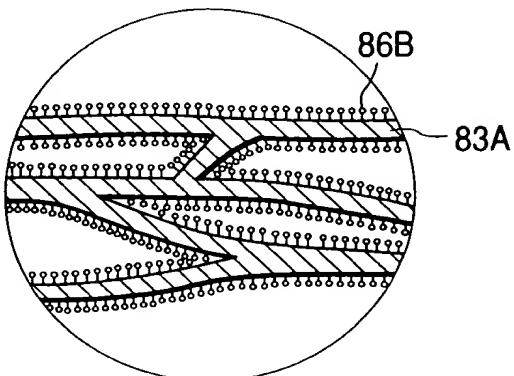
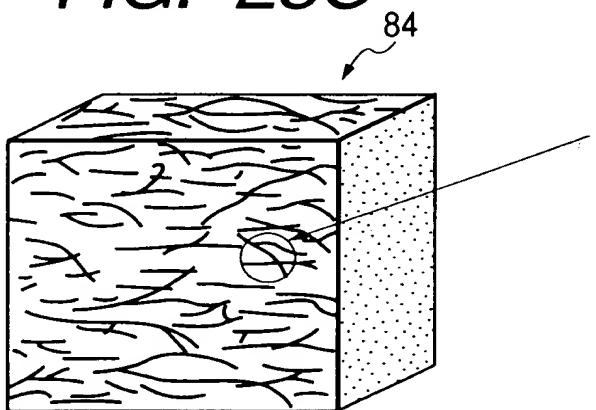
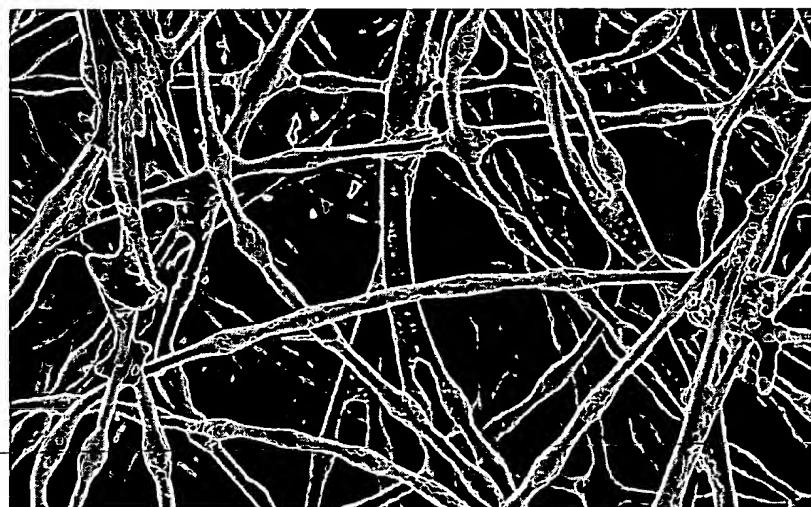
FIG. 28D**FIG. 28A****FIG. 28E****FIG. 28B****FIG. 28F****FIG. 28C**

FIG. 29



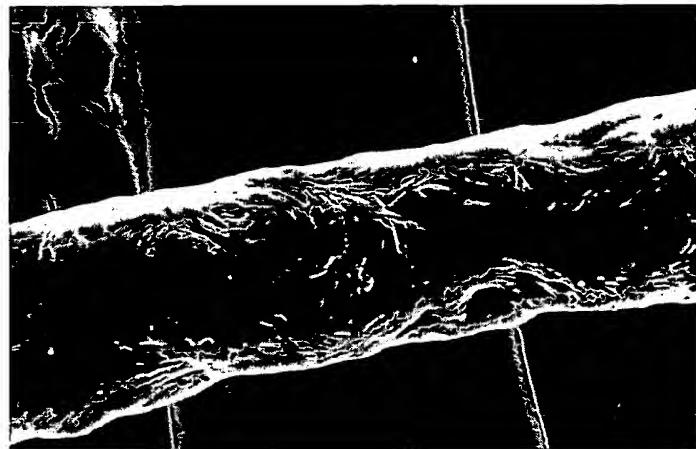
UNTREATED 150 \times

FIG. 30



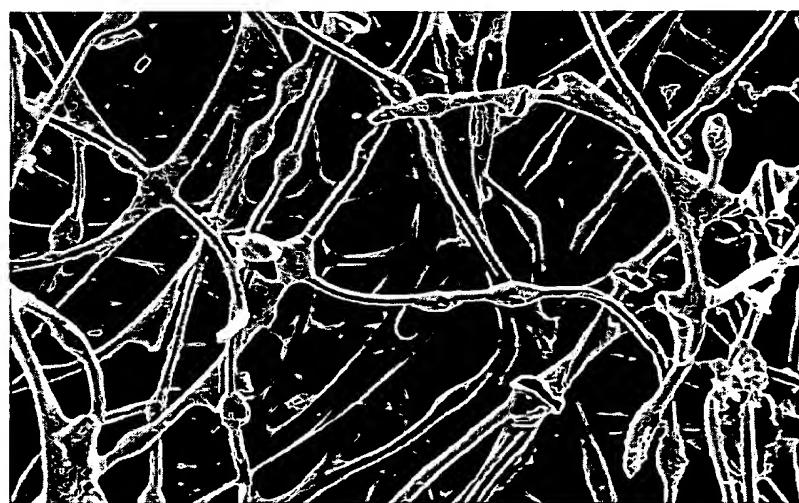
UNTREATED 500 \times

FIG. 31



UNTREATED 2000 \times

FIG. 32



ACIDIZED 150 \times

FIG. 33



HYDROPHILICALLY TREATED 150×

FIG. 34



HYDROPHILICALLY TREATED 500×

FIG. 35



HYDROPHILICALLY TREATED 2000 \times

FIG. 36

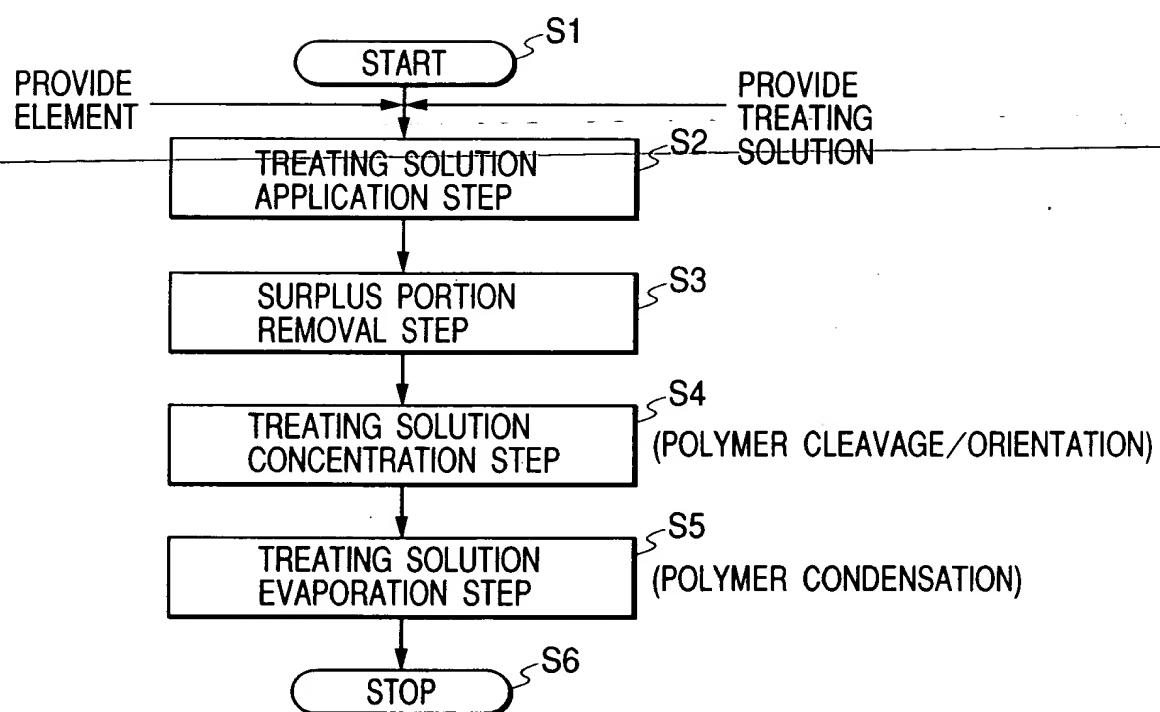


FIG. 37

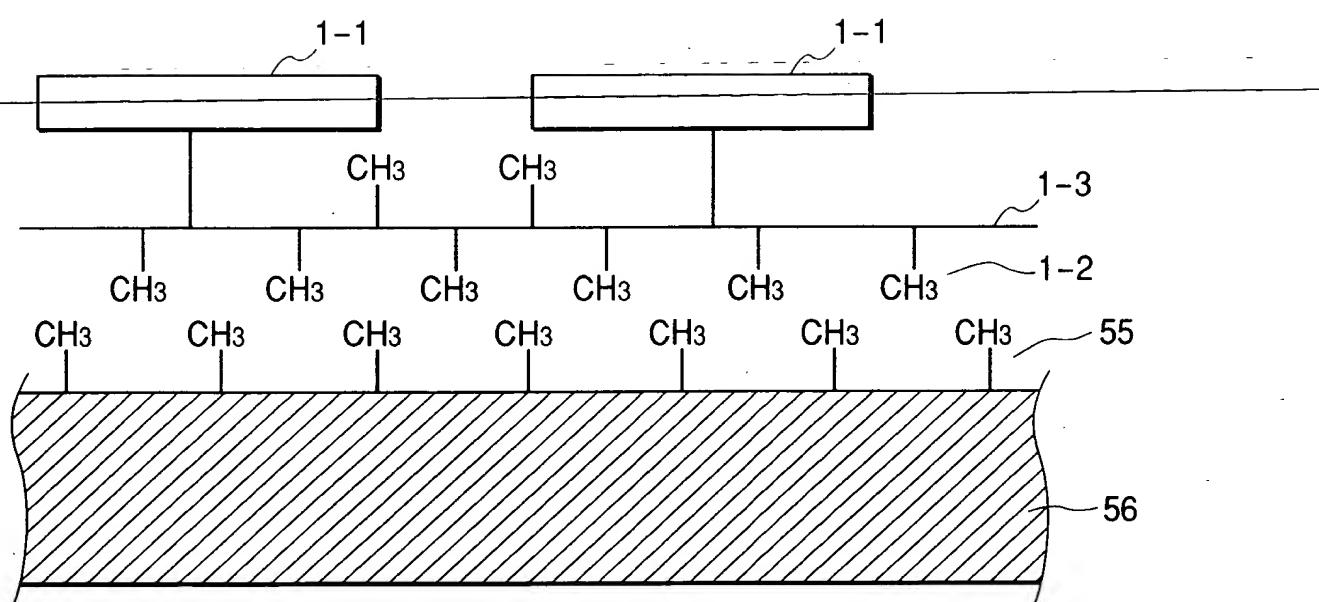


FIG. 38A

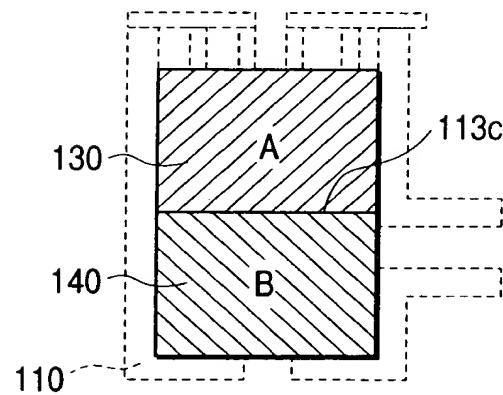


FIG. 38B

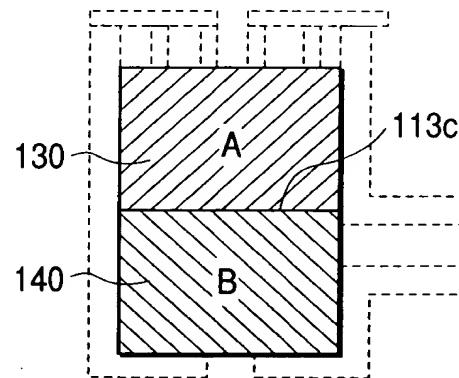


FIG. 38C

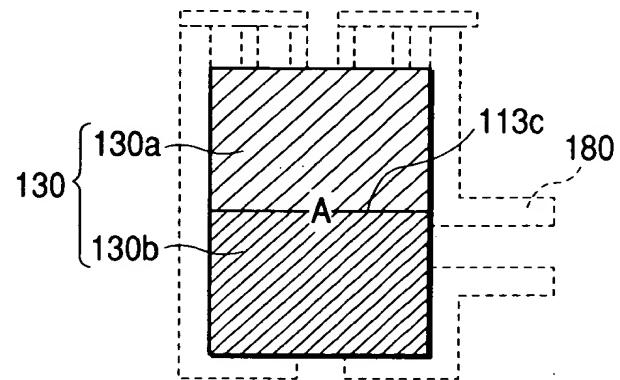


FIG. 39

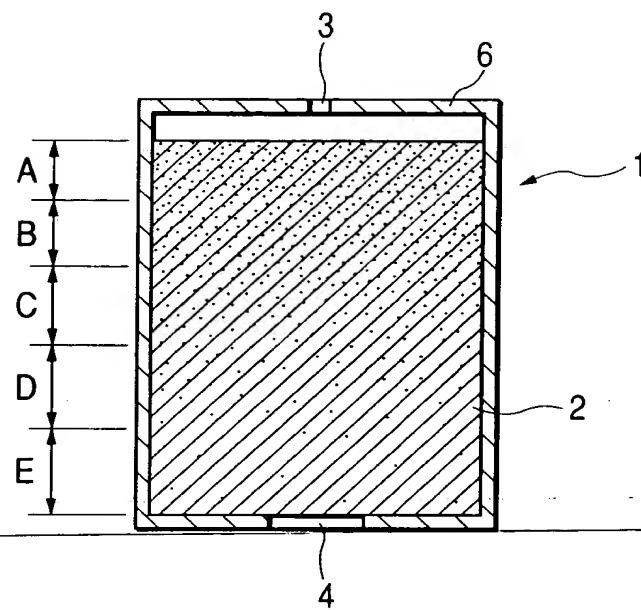


FIG. 40A

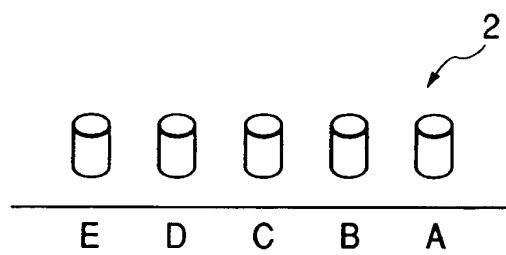


FIG. 40B

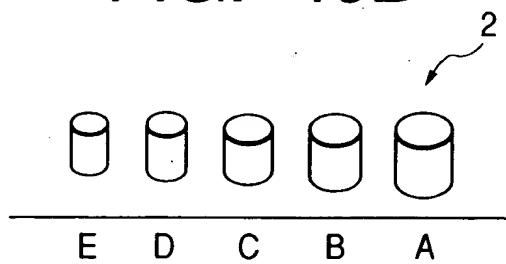


FIG. 41A

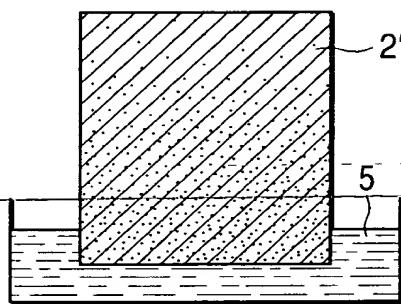


FIG. 41B

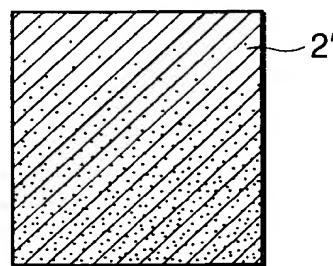


FIG. 42A

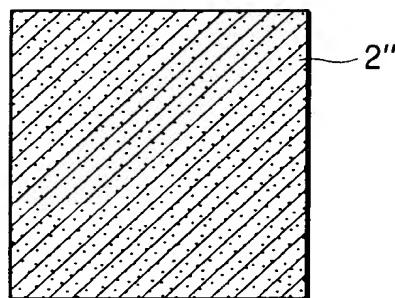


FIG. 42B

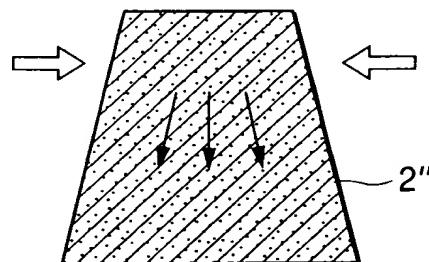


FIG. 42C

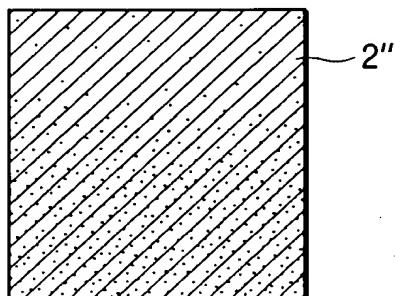


FIG. 43

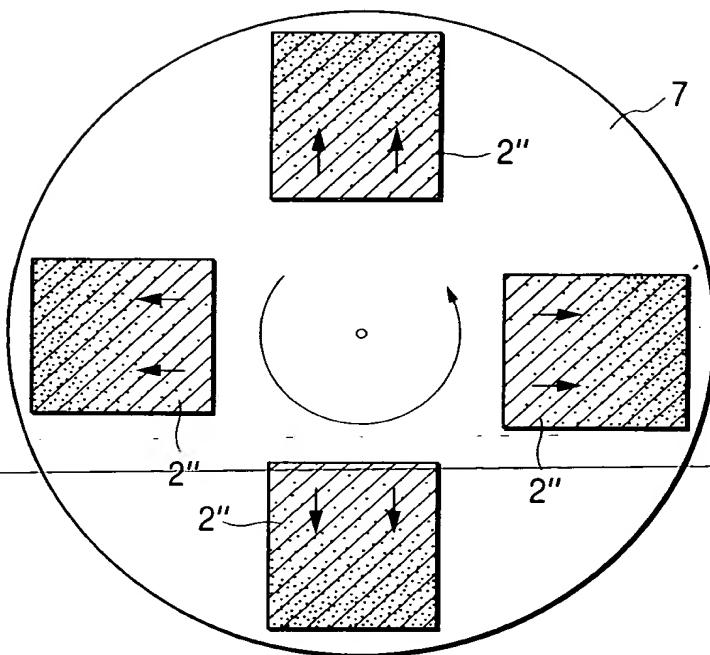


FIG. 44A

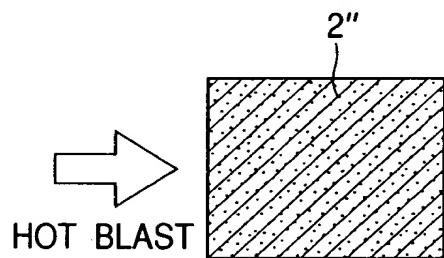


FIG. 44B

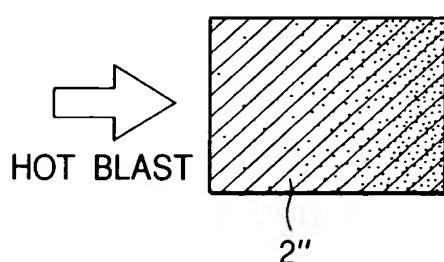


FIG. 45

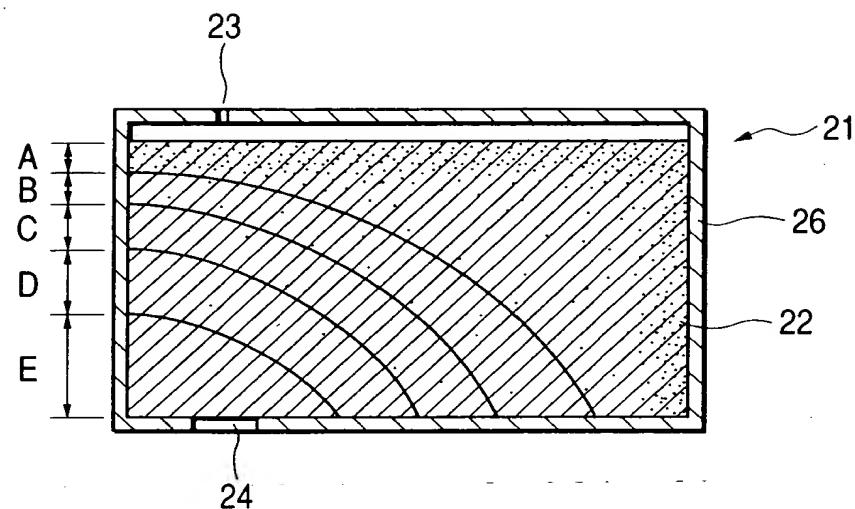


FIG. 46B

FIG. 46A

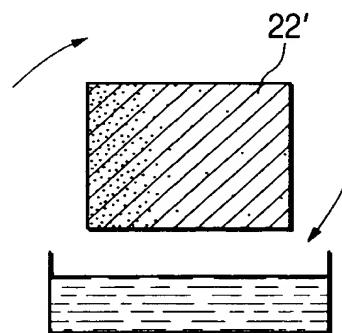
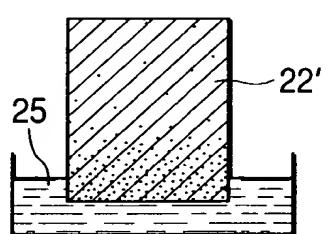


FIG. 46C

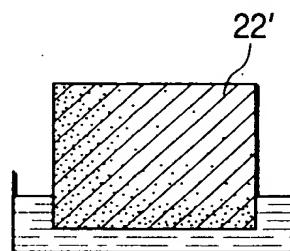


FIG. 47

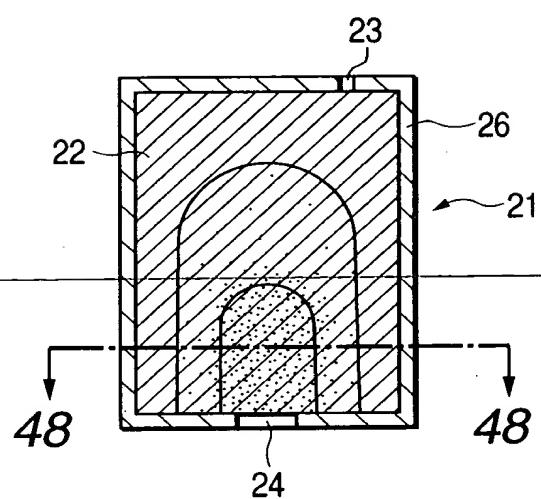


FIG. 48

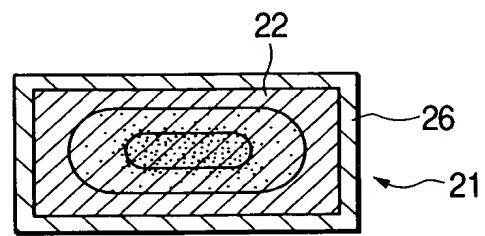


FIG. 49

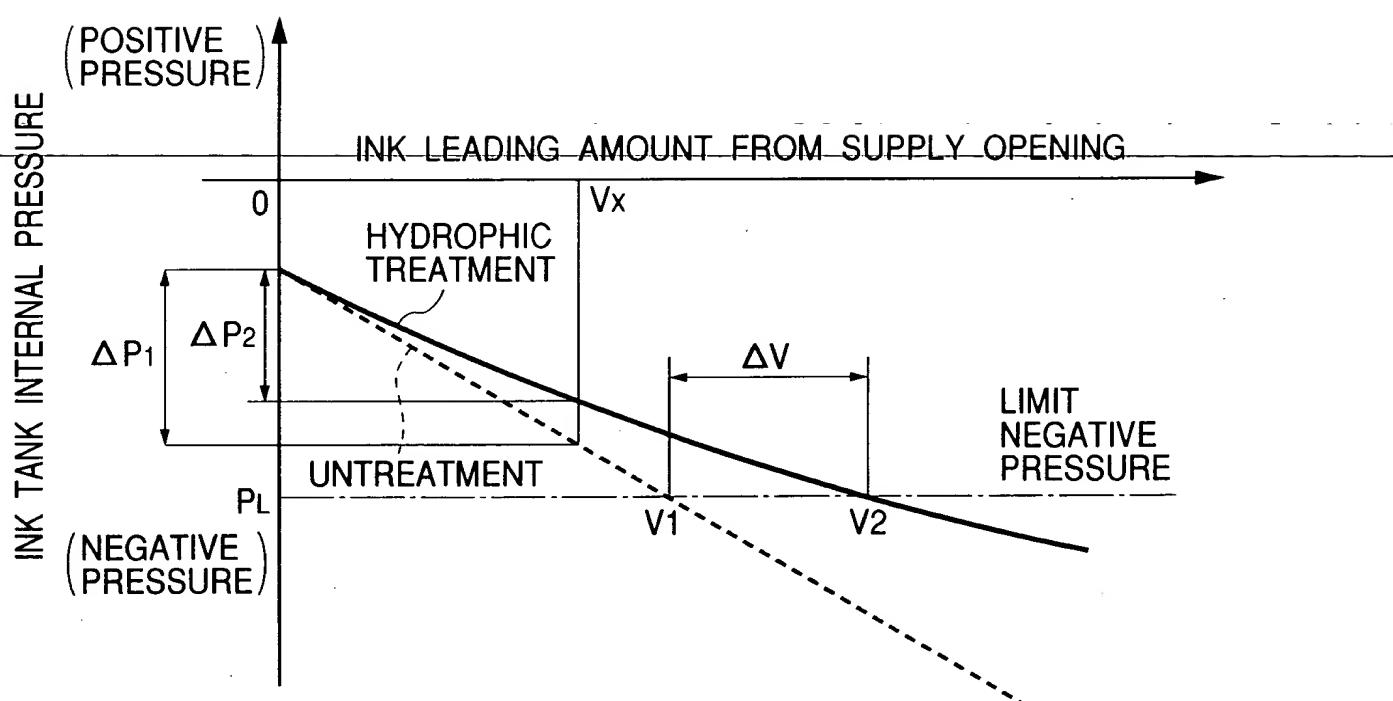


FIG. 50A

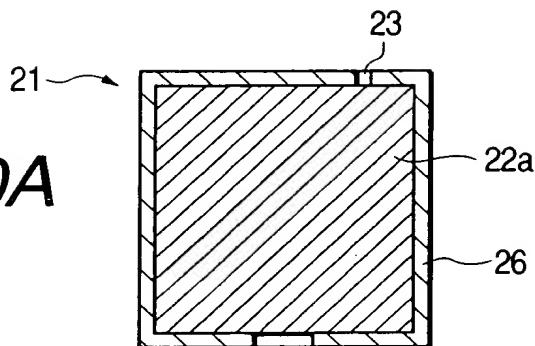


FIG. 50B

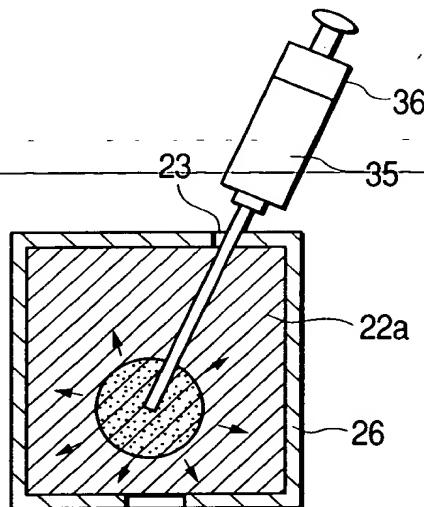


FIG. 50C

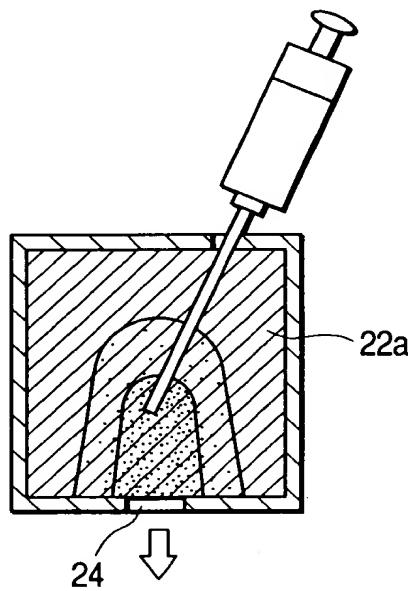


FIG. 51

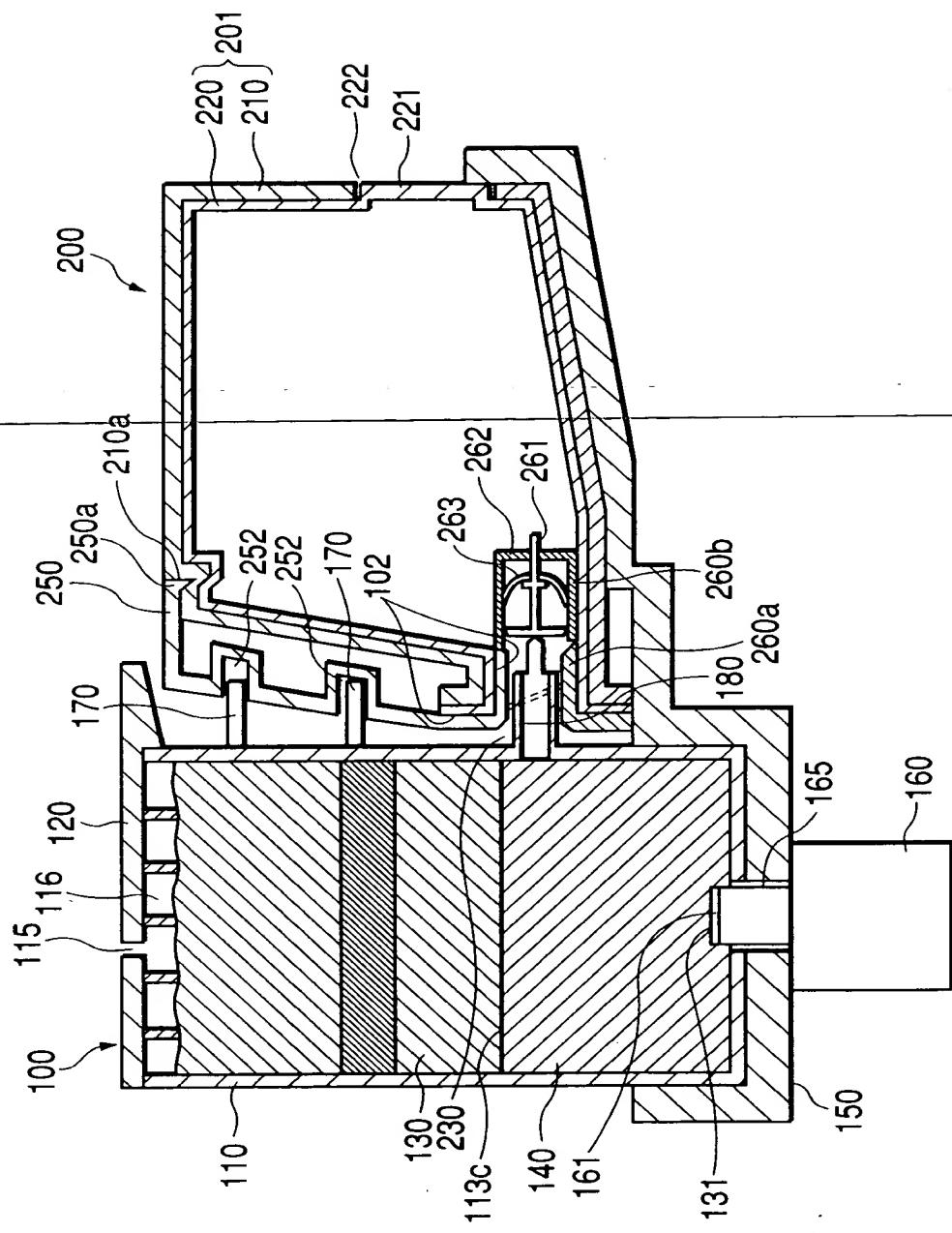


FIG. 52

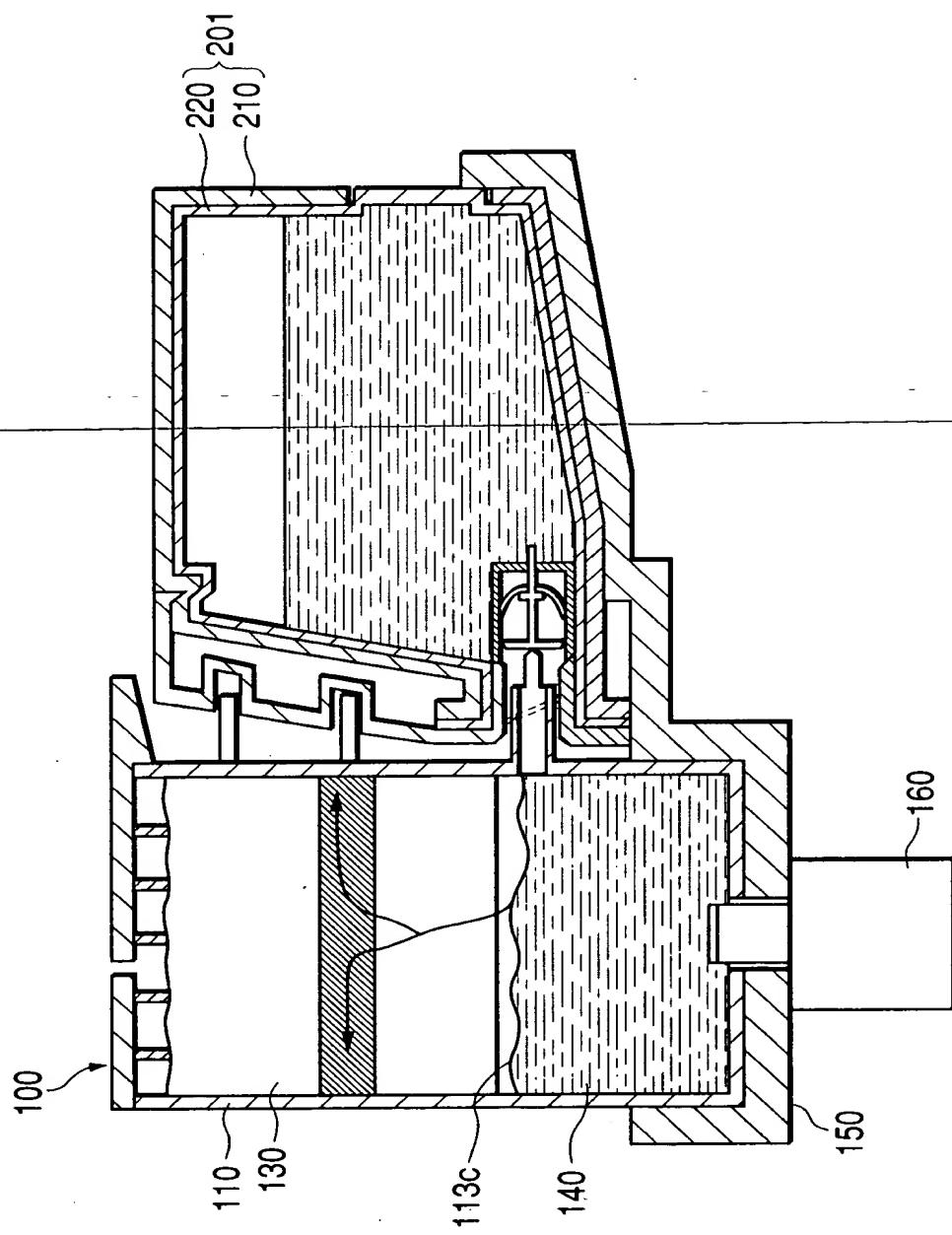


FIG. 53

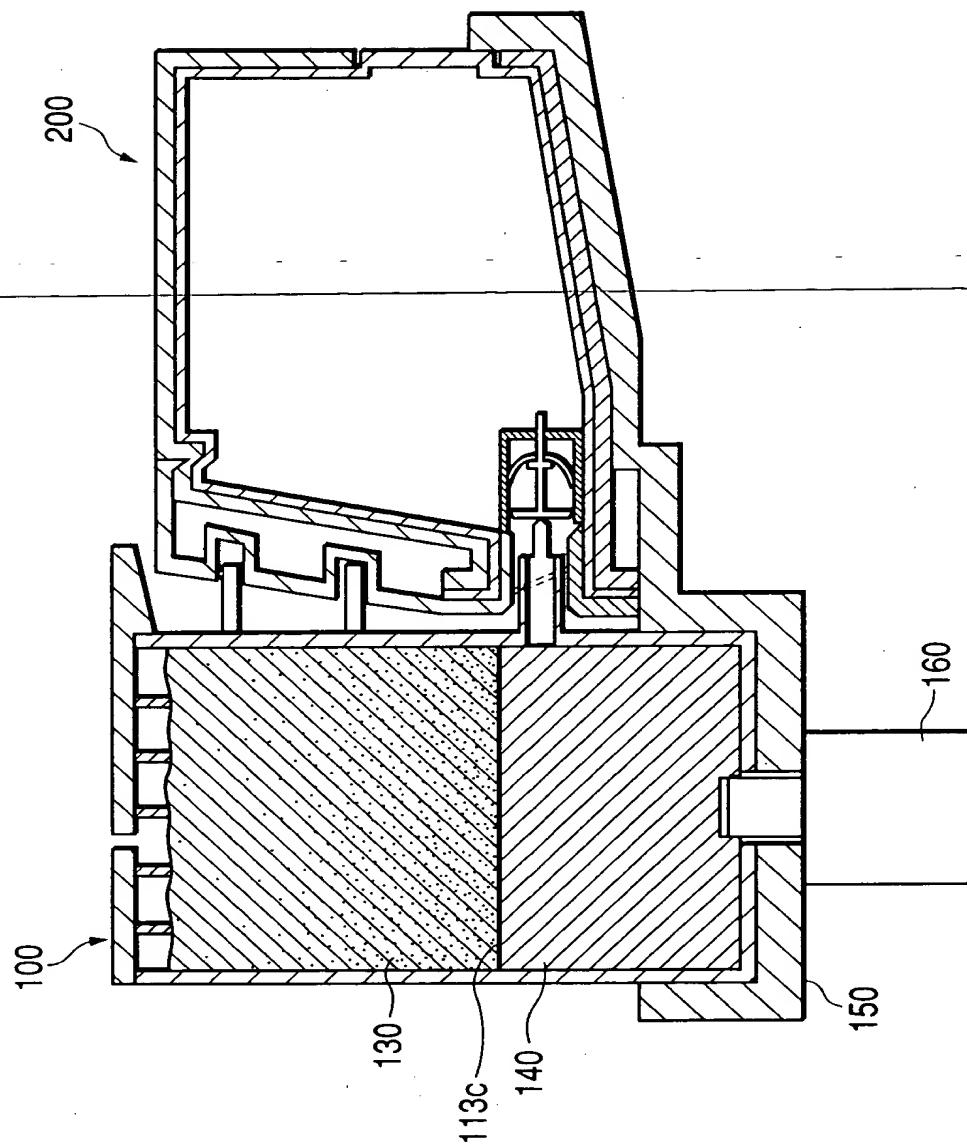


FIG. 54A

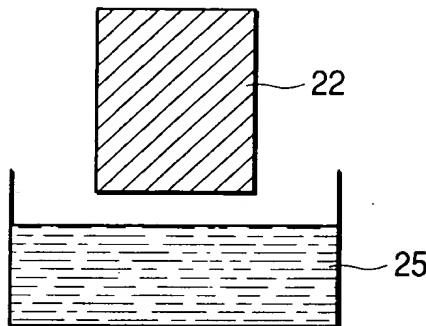


FIG. 54B

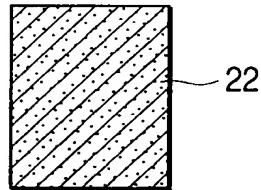


FIG. 54D

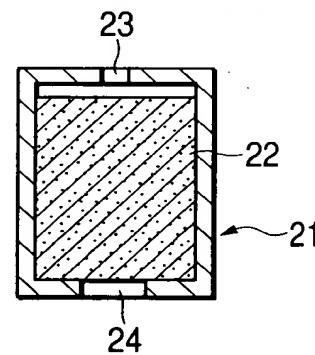


FIG. 54C

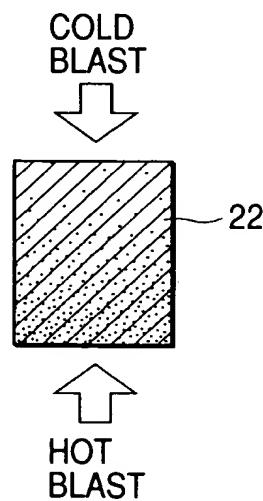


FIG. 54E

